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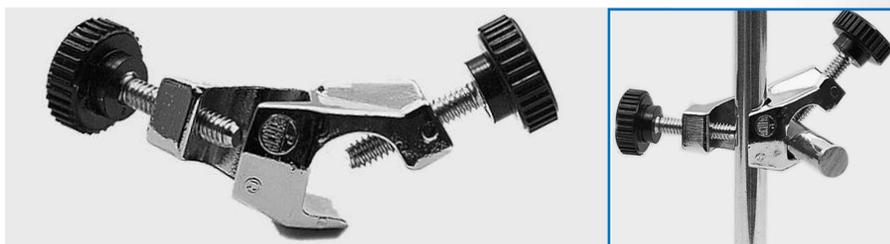
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*"A well equipped laboratory is where all types of science can be complete to a high standard."  
Patrick Blachett*



# Clamps and Stands

CLAMPS MADE OF LIGHT WEIGHT "DURAL CROM" ALLOY EXTRAORDINARILY STRONG.  
TONGS MADE OF AISI 304 STAINLESS STEEL.  
RETORT STANDS - LABORATORY JACKS AND SCAFFOLDING.



## BOSSHEAD

Chrome plated. For  $\varnothing$  from 5 to 17 mm.  
Part No. **100069**



## BOSSHEAD "MINI"

Chrome plated. For  $\varnothing$  from 5 to 12 mm.  
Part No. **1001460**



## BOSSHEAD XL

Maximum opening. For rods 13 to 32 mm  $\varnothing$ .  
Part No. **5057022**



## BOSSHEAD "SUNTECH"

For retort bars of 5 to 22 mm  $\varnothing$ .  
With screw clamp joints. Ideal for supporting overhead stirrers.  
Part No. **5900600**



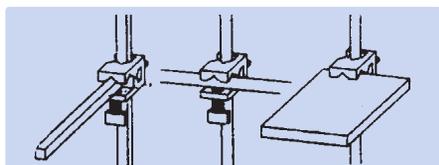
## BOSSHEAD "MAXIM"

For large diameters.  
Chrome plated with one opening to hold rods up to 30 mm  $\varnothing$ . Second opening up to 20 mm  $\varnothing$ .  
Part No. **7000408**



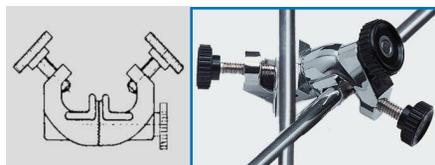
## BOSSHEAD "MEDI"

For  $\varnothing$  from 5 to 20 mm.  
Part No. **1001461** Chrome plated.  
Part No. **1001462** Anodised black.



## BOSSHEAD "PASS"

Original Phywe.  
For joining and clamping multipurpose, round or rectangular rods up to 12 mm across.  
For cross T and parallel arrangements.  
Part No. **7204055**



## BOSSHEAD "GIROFIX"

Conforms to DIN standard 12895-E16.  
Chrome plated with swivel toothed clamp for holding rods at any angle. For rod  $\varnothing$  from 5 to 15mm.  
Part No. **7000531**



## ORIGINAL BOSSHEAD "TREVINGE"

Made of chrome plated "Dural" alloy.  
Due to its strength, it is suitable for multilevel and three dimension constructions.  
Part No. **7008133** For  $\varnothing$  of 9 to 13 mm.  
Part No. **7008253** For  $\varnothing$  of 19 to 25 mm.

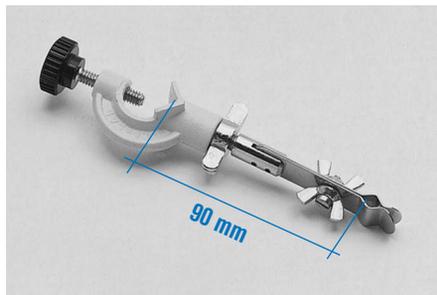
J.P. Selecta



### BOSSHEAD FOR THERMOMETERS

Thermometer support for water and oil baths with locking screw (up to 40 mm). Thermometer rod diameters up to 7 mm Ø.

Part No. **6000896**



### THERMOMETER CLAMP

Swivel bosshead and press lock, made of AISI 304 stainless steel. For Ø from 6-15 mm.

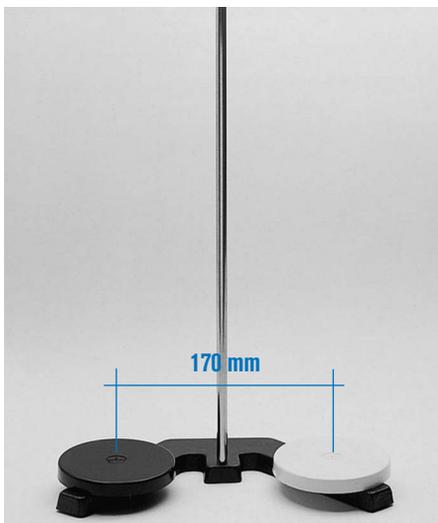
Part No. **6000036**



### THERMOMETER CLAMP

Hook at one end for a thermometer. Chrome plated.

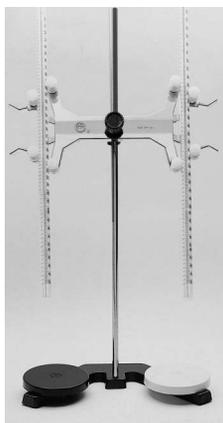
Part No. **1000037**



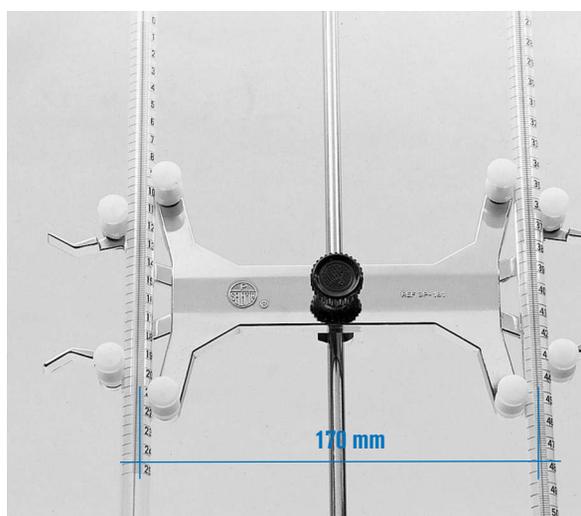
### BURETTE STAND

With AISI 304 stainless steel rod of 10 mm Ø x 600 mm high. Weight 2 Kg. Made specifically for the "DUPLEX" burette clamp with two plates at the base, black and white.

Part No. **6000117**



Model burette stand Part no. 6000117 and double burette part no. 7000181



### DOUBLE BURETTE CLAMP "DUPLEX"

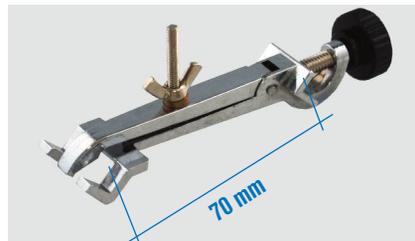
Self adjusting clamp for 2 burettes, with central bosshead screw. Made of Chrome plated metal with PVC coated jaws. Enables complete visibility of the burette scale while being held. Part No. **7000181**



### BURETTE CLAMP "TRIPS"

Made of chrome plated metal for Ø from 4 to 20 mm.

Part No. **7000521**



### BOSSHEAD BURETTE AND TUBE CLAMP "TRIPS"

Made of chrome plated metal for Ø from 4 to 20 mm.

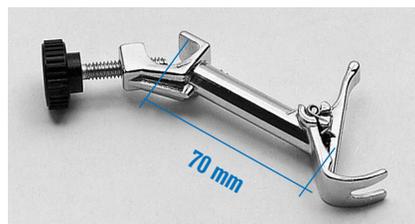
Part No. **7005211**



### SPRING CLAMP FOR BURETTES AND THERMOMETERS "AUTOMATIC"

Made of chrome plated metal with spring clamp jaw. For Ø from 0 to 25 mm. Designed for test tubes.

Part No. **7000025**



### BOSSHEAD WITH "AUTOMATIC" CLAMP FOR BURETTES AND THERMOMETERS

Made of chrome plated metal with spring clamp jaw. For Ø from 0 to 25 mm.

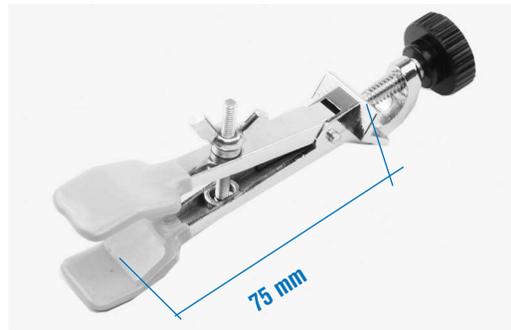
Part No. **7000251**



**CLAMP FOR BURETTES AND TUBES**

Made of chrome plated metal with two prong jaws coated with PVC.  
For Ø from 7 to 25 mm.

Part No. **7000130**



**BOSSHEAD WITH BURETTE AND TUBE CLAMP**

Made of chrome plated metal with PVC coated double prong jaws.  
For Ø from 7 to 25 mm.

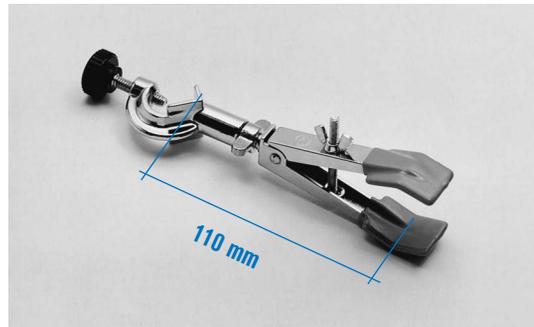
Part No. **7000140**



**CLAMP FOR BURETTES AND CONDENSERS**

Made of chrome plated metal with PVC coated jaws.  
For Ø from 12 to 45 mm.

Part No. **7000131**



**SWIVEL CLAMP BOSSHEAD FOR CONDENSERS**

Swivel clamp with double PVC lined jaws For Ø from 12 to 45 mm.

Part No. **7000141**



**CLAMP "TRIPLEX"**

Three pronged PVC coated clamp made of chrome plated metal.  
For Ø from 0 to 35 mm.

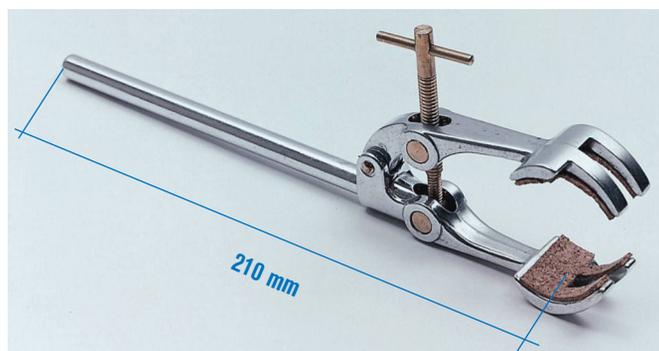
Part No. **7000160**



**CLAMP "TRIPLEX"**

Three pronged PVC coated clamp made of chrome plated metal.  
For Ø from 0 to 60 mm.

Part No. **7000161**



**UNIVERSAL CLAMP "MINIMAX"**

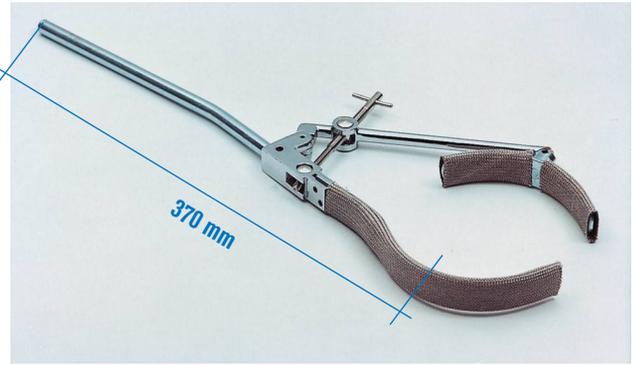
Made of Dur-aluminium with cork lined jaws.  
For Ø from 0 to 80 mm.

Part No. **7000403**



**SWIVEL UNIVERSAL CLAMP "MINIMAX"**

For Ø from 0 to 80 mm.  
Part No. **7000404**



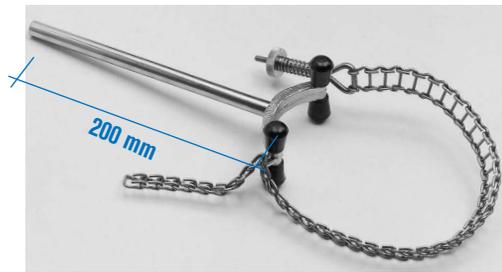
**BEAKER CLAMP "MAXIM"**

Made of chrome plated metal with clamp end covered with stabilized glass fibre.  
For Ø from 80 to 180 mm.  
Part No. **7000406**



**UNIVERSAL CLAMPS "GIROMAX" WITH METAL ROTATION**

With cork lined jaws. With a hinge joint of 180° rotation angle.  
For Ø from 0 to 80 mm.  
Part No. **7004031**



**CLAMP "MEDIMAX"**

With chain and spring clamp made of AISI 304 stainless steel.  
For Ø from 90 to 145 mm.  
Part No. **7000405**



**CONICAL JOINT CLIPS**

Made from AISI 304 stainless steel.

Part No.

<b>1000716</b>	joint	7.5/16
<b>1001019</b>	"	10/19
<b>1001221</b>	"	12/21
<b>1001423</b>	"	14/23
<b>1001926</b>	"	19/26
<b>1002429</b>	"	24/29
<b>1002932</b>	"	29/32
<b>1004540</b>	"	45/40

**GROUND ROUND JOINT CLIPS**

Made of chromed steel.

Part No.

<b>1040913</b>	joint	round	13 mm.
<b>1040919</b>	"	"	19 mm.
<b>1040929</b>	"	"	29 mm.
<b>1040935</b>	"	"	35 mm.



**CONICAL JOINT CLIPS**

Made of PMP (polymethyl pentane).

Part No.

joint	colour
<b>1001095</b>	10/19 black
<b>1001096</b>	14/23 yellow
<b>1001097</b>	19/26 blue
<b>1001098</b>	24/29 green
<b>1001099</b>	29/32 red
<b>1001100</b>	34/35 orange
<b>1001101</b>	45/40 brown



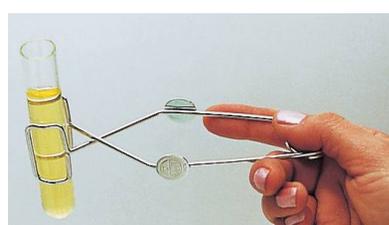
**GROUND ROUND JOINT CLIPS**

Made of AISI 304 stainless steel with ratchet fixed pin.

Part No. **1001720** round joint 19 mm.

Part No. **1001464** round joint 29 mm.

Part No. **1001465** round joint 35 mm.



**TEST TUBE TONGS**

Made of nickel plated steel.

For tubes up to 30 mm Ø. Total length 145 mm.

Part No. **1000285**



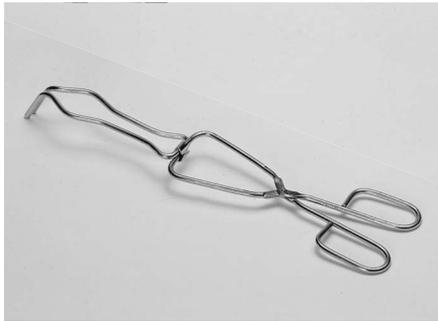
**TEST TUBE TONGS**

Made of wood.

For tubes from 12 up to 25 mm Ø.

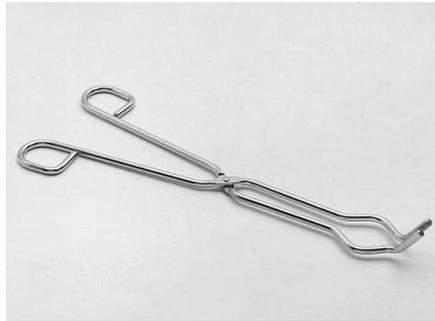
Total length 180 mm.

Part No. **1001094**



#### CRUCIBLE TONGS

Original "J.P.Selecta" design with opposite equilibrium.  
Made of Electro-bright finished AISI 304 stainless steel.  
Part No. **1001330** Total length 400 mm.



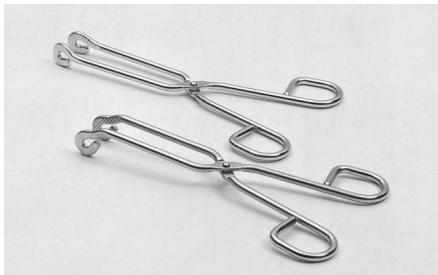
#### CRUCIBLE TONGS

With bow, curved tips and flat hinge.  
Electro-bright AISI 304 stainless steel finish.  
Part No. **1010420** Total length 200 mm.  
Part No. **1010430** Total length 300 mm.  
Part No. **1010440** Total length 400 mm.  
Part No. **1010450** Total length 500 mm.



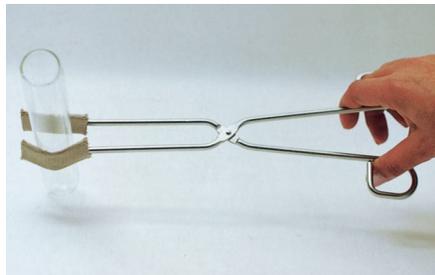
#### CRUCIBLE TONGS

With bow, curved tips.  
With thermally protected plastic coated handles.  
Part No. **1001590** Total length 220 mm.  
Part No. **1001591** Total length 330 mm.



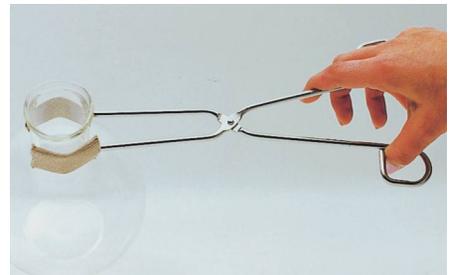
#### STERILIZATION TONGS

Made of AISI 304 electro-bright finished stainless steel.  
Total length 200 mm.  
Part No. **1002801** Straight end.  
Part No. **1002802** Curved end.  
Used for bandages, syringes, instruments, test tubes etc.



#### TONGS FOR FLASKS AND TUBES

Electro-bright finished AISI 304 stainless steel.  
For diameters from 15 to 60 mm.  
Tong tips covered with stabilized glass fibre.  
Part No. **1028130** Total length 300 mm.  
Part No. **1028140** Total length 400 mm.



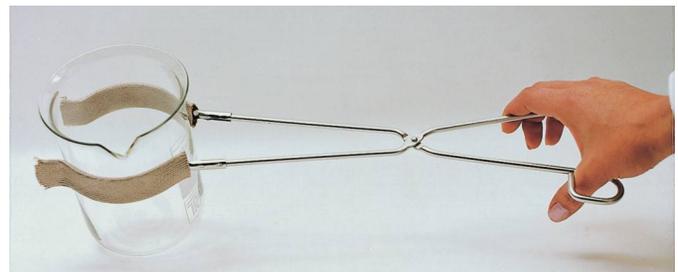
#### TONGS FOR FLASKS AND TEST TUBES

Sterilization Tongs. Made of AISI 304 electro-bright finished stainless steel. For diameters from 25 to 60 mm.  
Tong ends covered with stabilized glass fibre.  
Part No. **1028230** Total length 300 mm.  
Part No. **1028240** Total length 400 mm.



#### DISH TONGS

Made of electro-bright finished AISI 304 stainless steel.  
Part No. **1000283** Total length 250 mm.



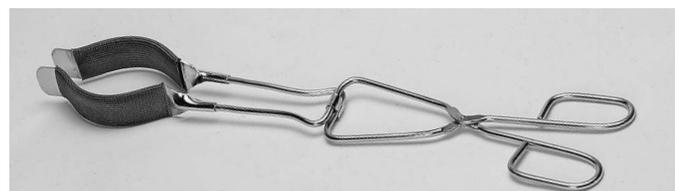
#### BEAKER TONGS

Made of AISI 304 electro-bright finished stainless steel.  
Made for beakers from 150 to 1000 ml.  
For diameters from 60 to 100 mm.  
Tong tips covered with stabilised glass fibre.  
Part No. **1000284** Total length 450 mm.



#### BEAKER TONGS "PROTECVAS"

Clamps beakers up to 2000 ml.  
With a span from 50 to 120 mm Ø.  
Jaws protected with rubber pads.  
Total length 300 mm.  
Part No. **7000532**



#### BEAKER TONGS

Original "J.P.Selecta" design with opposite equilibrium.  
Made of Electrobright finished AISI 304 stainless steel.  
For beakers from 150 to 1000 ml.  
For diameters from 60 to 100 mm.  
Tong ends covered with a glass fibre sleeve.  
Part No. **1001331** Total length 450 mm.



### LABORATORY SCISSORS

AISI 410 stainless steel.

**1 Scissors universal "Multi purpose"** with a serrated/ dented blade. Suitable for cutting hard plastic, cardboard and soft wire etc.

Part No. **1001468** Cut length 50 mm. Total length 180 mm.

**2 Long laboratory scissors.**

Part No. **1001469** Cut length 100 mm. Total length 250 mm.

**3 Straight multi purpose scissors.** General use and bandage dressing.

Part No. **1001470** Cut length 50 mm. Total length 140 mm.

**4 Curved multi purpose scissors.** General use and bandage dressing.

Part No. **1000806** Cut length 40 mm. Total length 145 mm.

**5 Dissection scissors**

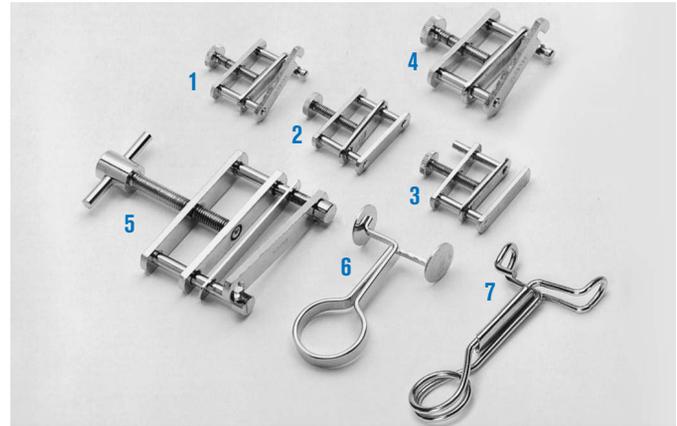
Part No. **1000807** Cut length 35 mm. Total length 125 mm.

**6 Small dissection scissors**

Part No. **1001471** Cut length 25 mm. Total length 110 mm.

**7 Flat serrated scissors** ideal for laminates, negatives, chromatography, etc.

Part No. **1001472** Flat Length 40 mm. Total length 160 mm.



### HOFFMAN CLAMPS / MOHR CLAMPS

**1 Hoffman clip dual, open-close.**

Part No. **1000063** Maximum opening: 15 mm.

**2 Hoffman clip closed**

Part No. **1000662** Maximum opening: 15 mm.

**3 Hoffman clip open**

Part No. **1000661** Maximum opening: 15 mm.

**4 Hoffman clip dual medium, open-closed.**

Part No. **1001467** Maximum opening: 25 mm.

**5 Hoffman clip large, open and close.**

Part No. **1000064** Maximum opening: 30 mm.

**6 Mohr clamp, stainless steel AISI 304 electro bright finish.**

Part No. **1000067** Total length: 70 mm.

**7 Mohr clamp, nickel wire.**

Part No. **1001337** Total length: 70 mm.

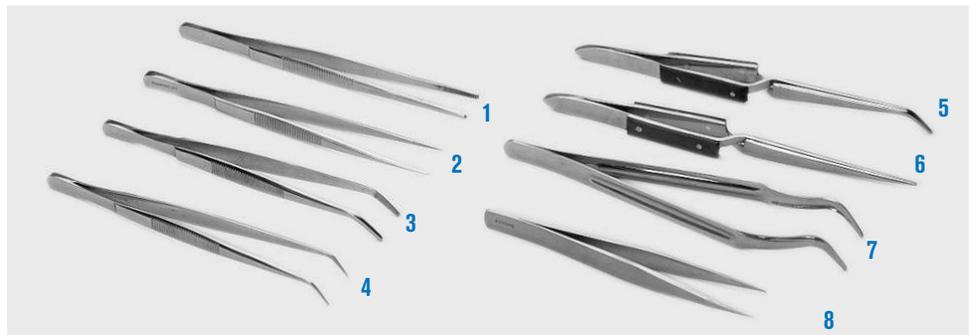


### FORCEPS FOR LIFTING SLIDES

Made of AISI 304 stainless steel, with flat jaws.

Length: 105 mm. Suitable for lifting, slides, watch glass or small flat object.

Part No. **1000105**



### DISSECTING FORCEPS

**1 Dissecting Straight forceps round tips, made of AISI304 stainless steel.**

Part No. **1000580** Total length 140 mm.

**2 Dissecting Straight forceps fine tips, made of AISI304 stainless steel.**

Part No. **1000801** Total length 140 mm.

**3 Dissecting curved forceps round tips, made of AISI 304 stainless steel.**

Part No. **1000865** Total length 140 mm.

**4 Dissecting curved forceps fine tips, made of AISI304 stainless steel.**

Part No. **1000864** Total length 140 mm.

### MAXIMUM OPENING

**5 Sprung straight forceps with curved fine tips, made of AISI 304 stainless steel.**

Part No. **1001190** Total length 160 mm.

**6 Sprung straight forceps with fine tips, made of AISI 304 stainless steel.**

Part No. **1001189** Total length 160 mm.

**7 Curved point, AISI 304 stainless steel forceps.**

Part No. **6000128** Total length 160 mm.

**8 Fine point, AISI 304 stainless steel forceps.**

Part No. **1001191** Total length 120 mm.



### HEAT AND SPILLS PROTECTION PAD GLOVE

Made of flexible silicon that fits all hand sizes.

Part No. **1001255**

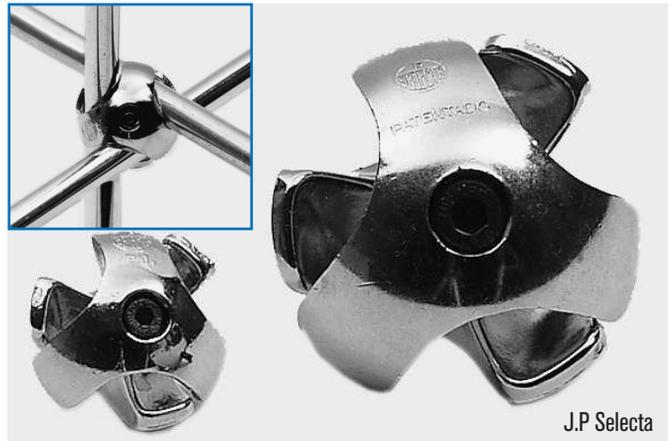


### BOSSHEAD "P" TYPE

Nickel alloy bosshead.  
For fixing perpendicular structures.  
For 12 mm Ø bars.  
Part No. **1000011**

### ACCESSORY

Allen hex key. Suitable for "P" type bosshead.  
Part No. **1000111**



J.P Selecta

### ORIGINAL BOSSHEAD "TREVINGE"

Made of chrome plated "Dural" alloy.  
Due to its strength, suitable for multilevel and three dimension constructions.  
Part No. **7008133** For Ø of 9 to 13 mm.  
Part No. **7008253** For Ø of 19 to 25 mm.



### RODS AND TUBES

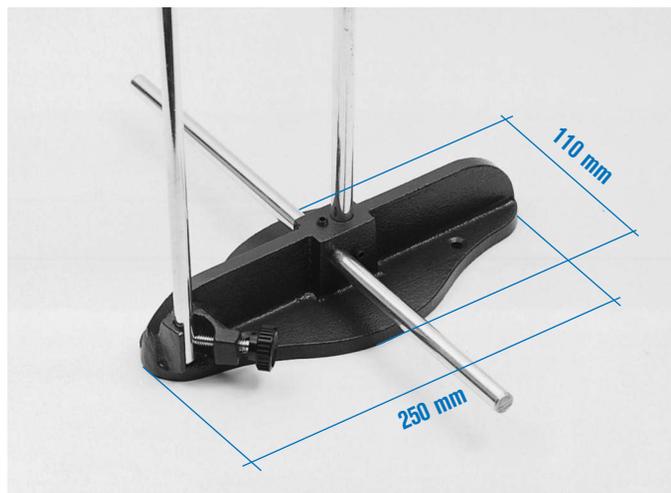
12 mm Ø bars and rods. To be used with the "TREVINGE" and "P" type bossheads.

#### Dur-aluminium rods.

Part No.	Length
<b>6000026</b>	60 mm.
<b>6000220</b>	200 mm.
<b>6000235</b>	350 mm.
<b>6000270</b>	700 mm.
<b>6002100</b>	1000 mm.
<b>6002150</b>	1500 mm.
<b>6002200</b>	2000 mm.
<b>6002300</b>	3000 mm.

#### AISI 304 stainless steel tube.

Part No.	Length
<b>6000016</b>	60 mm.
<b>6000120</b>	200 mm.
<b>6000135</b>	350 mm.
<b>6000170</b>	700 mm.
<b>6001100</b>	1000 mm.
<b>6001150</b>	1500 mm.
<b>6001200</b>	2000 mm.
<b>6001300 (rod)</b>	3000 mm.



### UNIVERSAL MOUNTING BASE

Bench top multiple rod support.  
Suitable for mounting and supporting vertical and horizontal bars.  
Part No. **1000050**



### MOUNTING FOOT SUPPORT FOR RODS

For rod Ø of 12 mm.  
Part No. **1000101** Rod position horizontal.  
Part No. **1000049** Rod position vertical.



### SIMULTANEOUS FOOT SUPPORT

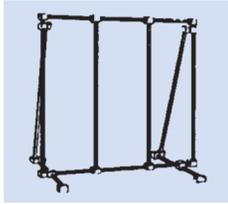
For rod Ø of 12 mm.  
Simultaneous positions, horizontal and vertical.  
Part No. **1001102**



### BENCH CLAMP "PASS"

Original Phywe. Clamps to the bench while holding from 4 to 12 mm diameter rod. Bench top width up to 40mm.  
Part No. **1394855**

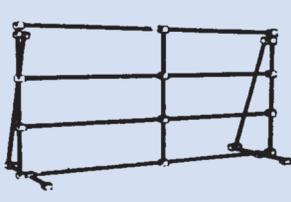
## SUPPORT STAND KITS



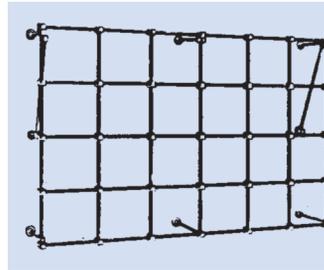
**700 high x 700 mm long.**  
 Made up of:  
 8 rods 700 mm long.  
 2 rods 350 mm long.  
 16 "P" type bossheads.  
 4 foot supports.  
 1 Allen key.  
 Part No. **6000090** Dur-aluminium  
 Part No. **6000190** AISI 304 stainless steel



**1000 high x 1000 mm long.**  
 Made up of:  
 10 rods of 1000mm long.  
 2 rods 700 mm long.  
 3 rods 350 mm long.  
 34 "P" type bossheads.  
 6 foot supports.  
 1 Allen key.  
 Part No. **6000902** Dur-aluminium  
 Part No. **6001902** AISI 304 stainless steel



**700 high x 1000 mm long.**  
 Made up of:  
 4 rods 1000 mm long.  
 5 rods 750 mm long.  
 2 rods 350 mm long.  
 20 "P" type bossheads.  
 4 foot supports.  
 1 Allen key.  
 Part No. **6000901** Dur-aluminium  
 Part No. **6001901** AISI 304 stainless steel



**1000 high x 2000 mm long.**  
 Made up of:  
 5 rods 2000 mm long.  
 7 rods 1000 mm long.  
 8 rods 200 mm long.  
 2 rods 350 mm long.  
 45 "P" type bossheads.  
 8 foot supports.  
 1 Allen key.  
 Part No. **6000903** Dur-aluminium  
 Part No. **6001903** AISI 304 stainless steel

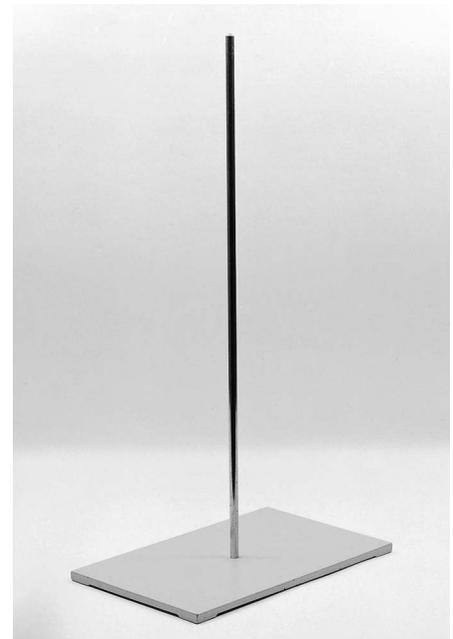


### SUPPORT "STAND"

Solid base, three vertical rods of 800 mm in height, two horizontal rods of 500 mm in length, six "P" type bossheads. Made of Dur-aluminium.  
 Weight: 6.5 Kg.  
 Part No. **6000482**

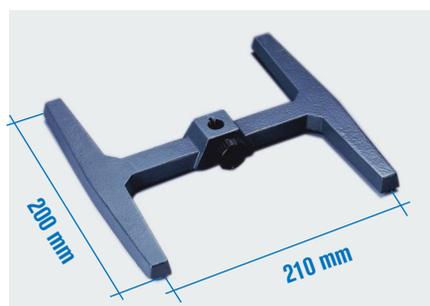
### CENTRAL ROD RETORT STAND

Vertical rod of Dur-aluminium of 10 Ø x 600mm high.  
 Weight: 3 Kg.  
 Base dimensions 315 x 200 mm.  
 Part No. **6000046**



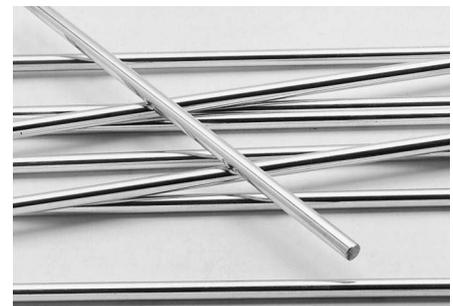
### TRIPOD SUPPORT "PASS"

Original Phywe.  
 To support square and round rods from 6 to 14 mm dia.  
 Weight: 2 Kg.  
 Base with levelling screws.  
 Part No. **6200255**



### DOUBLE BASE SUPPORT T "MINI"

Small foot support with screw clamp for removable rods from 8 to 12 mm Ø.  
 Weight: 1.2 Kg.  
 Part No. **6001103**



### STANDARD RODS

Made from AISI 340 stainless steel. Suitable for double "T MINI" and Tripod "PASS"  
 Part No. **6001160** 8 Ø x 500 mm length  
 Part No. **6000534** 10 Ø x 600 mm length  
 Part No. **6000535** 12 Ø x 700 mm length



### U SHAPED STAND

AISI 304 stainless steel of 20 Ø x 800 mm high.

Very stable.

Weight: 7 Kg.

Part No. **6000411**



### DOUBLE BASE SUPPORT T "MAXI"

Rod of AISI 304 stainless steel of 20 Ø x 800 mm high. Designed to support weights up to 20 Kg at 300 mm height from the base. Useful for stirrers.

Weight: 7 Kg.

Part No. **6000410**



### DOUBLE BASE SUPPORT T TELESCOPE

Stainless steel base AISI 304 of 32 mm Ø.

Telescopic elevation from 725 to 1025 mm.

Maximum support weight 20 Kg. Actual weight: 7.7 Kg

Compatible with Part No. 5057022 (See page 165).

Part No. **5057011**



### TRIPOD SUPPORT STAND

AISI 304 stainless steel rod.

Part No.	Ø x Height	Weight Kg
<b>6002278</b>	8 x 500	1.4
<b>6022710</b>	10 x 600	1.8
<b>6022712</b>	12 x 700	2.5

Rods made of Dur-aluminium

Part No.	Ø x Height	Weight Kg
<b>6000798</b>	8 x 500	1.2
<b>6000799</b>	10 x 600	1.5
<b>6007912</b>	12 x 700	2



### RETORT STAND

Rods made of AISI 304 stainless steel

Part No.	Rod Ø x height	Plate size length x width	Weight Kg
<b>6022614</b>	10 x 600 mm.	215 x 130 mm.	3
<b>6022612</b>	12 x 700 mm.	315 x 200 mm.	3.6
<b>6022613</b>	12 x 800 mm.	315 x 200 mm.	3.8

Rods of Dur-aluminium

Part No.	Rod Ø x height	Plate size length x width	Weight Kg
<b>6007714</b>	10 x 600 mm.	215 x 130 mm.	2.7
<b>6007712</b>	12 x 700 mm.	315 x 200 mm.	3
<b>6077812</b>	12 x 800 mm.	315 x 200 mm.	3.4



### UNIVERSAL ARM SUPPORT

With holder for up to 4 sensors or electrodes.

Very stable heavy base.

Ideal for working at varying heights.

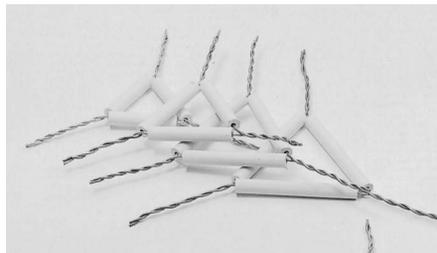
Part No. **1001552**



### TRIANGLE SUPPORTS

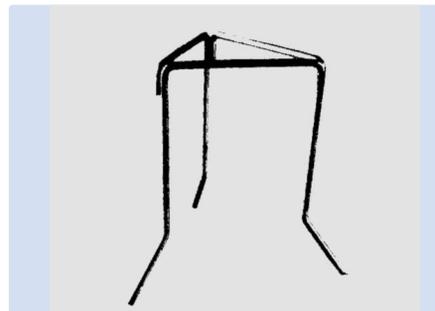
Made of 4 mm Ø AISI 304 stainless steel with electro-bright finish.

Part No.	Side	Part No.	Side
1002874	40 mm.	1002877	70 mm.
1002875	50 mm.	1002878	80 mm.
1002876	60 mm.	1028710	100 mm.



### REFRACTORY TUBE AND WIRE TRIANGLE SUPPORTS

Part No.	Side
1000825	50 mm.
1000826	60 mm.
1000827	75 mm.



### TRIPOD STAND "TRISOP"

Made of galvanized steel.

Part No.	Side	Total height
1000524	130 mm.	200 mm.



### TRIPOD SUPPORTS WITH ROUND TOP

AISI 304 stainless steel

Part No.	Ø ext. ring	Total height
6002868	80 mm.	210 mm.
6028610	100 mm.	210 mm.
6028612	120 mm.	210 mm.
6028614	140 mm.	210 mm.

Nickel plated steel

Part No.	Ø ext. ring	Total height
1000818	80 mm.	210 mm.
1008110	100 mm.	210 mm.
1008112	120 mm.	210 mm.
1008114	140 mm.	210 mm.
1008116	160 mm.	210 mm.



### TRIPOD STAND WITH RING TOP.

Galvanised steel.

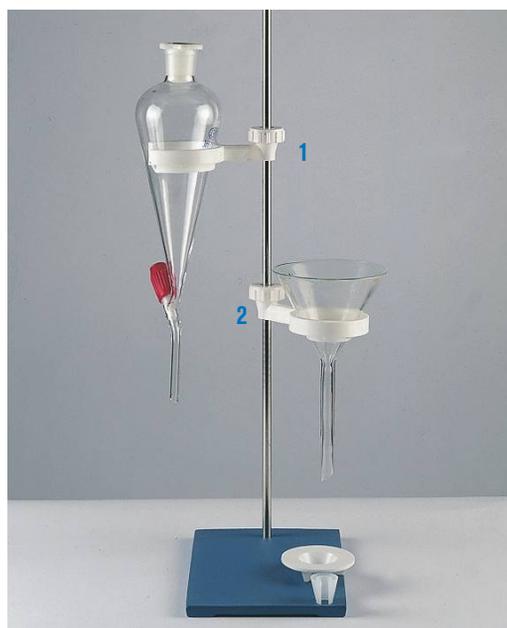
Part No.	Ø ext. ring	Total height
7000808	80 mm.	210 mm.
7008010	100 mm.	210 mm.
7008012	120 mm.	210 mm.



### TRIPOD STAND WITH RING TOP, ADJUSTABLE HEIGHT

Galvanised steel.

Part No.	Ø ext. ring	Adjustable height
7022810	100 mm.	170 to 250 mm.
7022812	140 mm.	170 to 250 mm.
7022814	180 mm.	170 to 250 mm.



### 1. DECANTING FLASK SUPPORT

Made of polypropylene. With support flasks up to 12 cm Ø.

Part No. 1001346

### 2. DECANTING FLASK SUPPORT WITH BOSSHEAD

Made of polypropylene. With support flasks from 30 to 150 mm Ø. Complete with reduction ring.

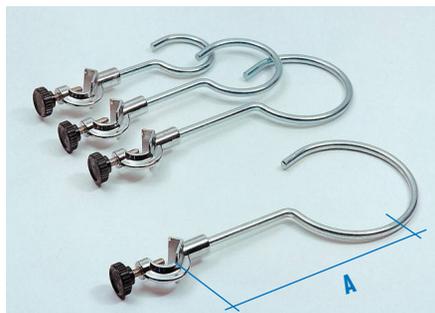
Part No. 1001347



### CIRCULAR SUPPORT PLATFORMS WITH BOSSHEAD

To support flat bottom vessels and instruments. Chrome plated bosshead.

Part No.	Plate Ø
6000879	80 mm.
6000880	150 mm.



### OPEN RING BOSSHEAD SUPPORTS

Made of galvanized steel.

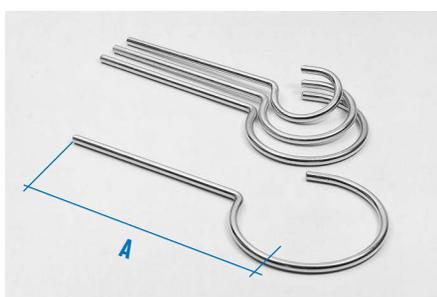
Part No.	Ring exterior Ø	Usable length A
7000506	60 mm.	100 mm.
7000508	80 mm.	130 mm.
7005010	100 mm.	160 mm.
7005012	120 mm.	170 mm.
7005014	140 mm.	180 mm.



### CLOSED RING BOSSHEAD SUPPORTS

Made of galvanized steel.

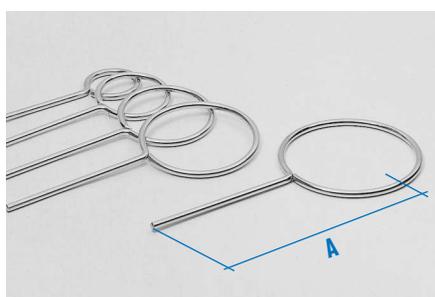
Part No.	Ring exterior Ø	Usable length A
7000536	60 mm.	100 mm.
7000538	80 mm.	130 mm.
7005310	100 mm.	160 mm.
7005312	120 mm.	170 mm.
7005314	140 mm.	180 mm.



### OPEN RING RETORT SUPPORTS

Made of galvanized steel.

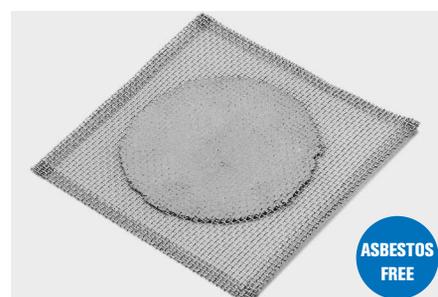
Part No.	Ring exterior Ø	Usable length A
1000206	60 mm.	180 mm.
1000208	80 mm.	195 mm.
1002010	100 mm.	200 mm.
1002012	120 mm.	215 mm.
1002014	140 mm.	225 mm.



### CLOSED RING RETORT SUPPORTS

Made from galvanized steel.

Part No.	Ring exterior Ø	Usable length A
1000236	60 mm.	180 mm.
1000238	80 mm.	195 mm.
1002310	100 mm.	200 mm.
1002312	120 mm.	215 mm.
1002314	140 mm.	225 mm.



### GAUZE IRON WIRE WITH CERAMIC FIBRE

Part No.

1087102	100 mm Side.
1087122	120 mm Side.
1087142	140 mm Side.
1087162	160 mm Side.
1087182	180 mm Side.
1087202	200 mm Side.



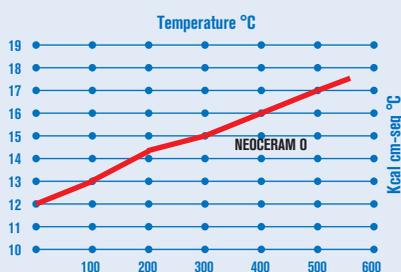
### CERAMIC PLATES "NEOCERAM"

Resistant to temperatures from -200 °C to 700 °C.

Part No.

1000684	120 x 120 x 5 mm.
1000685	140 x 140 x 5 mm.
1000686	160 x 160 x 5 mm.

### Heat conductivity



Resistant to temperatures from -200 °C to 700 °C.

Excellent heat conductor.

20% better heat transfer compared to a conventional gauze ceramic.

High chemical resistance to aggressive compounds.

Easy to clean and long lasting.

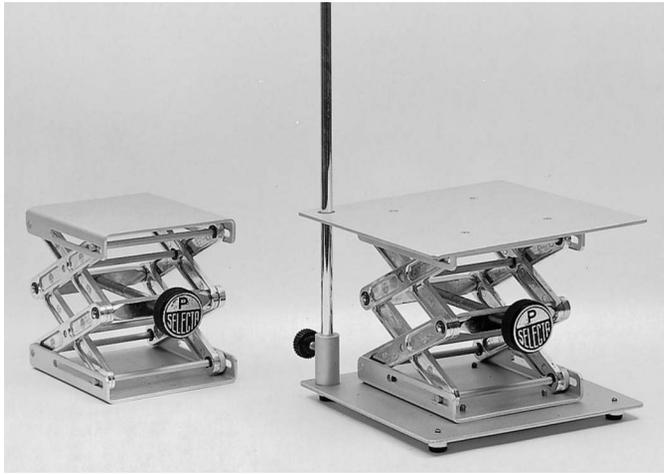


### TRIPOD STAND FOR CERAMIC PLATES

With adjustable sides to prevent the plate from moving or tilting.

Total height 210 mm.

Part No.	For plates of
1000687	120 x 120 mm.
1000688	140 x 140 mm.
1000689	160 x 160 mm.



### LABORATORY JACK "LAB-ELE"

With anodised aluminium base.

Part No. **1000294** Usable platform: 115 x 140 mm.  
Elevated height: 260 mm.  
Maximum support weight: 1 kg.

Part No. **7000295** Top plate: 200 x 200 mm.  
Maximum elevated height: 260 mm.  
Max. support weight: 1.7 kg.  
With hole and clamp screw for a support rod of 10 Ø x 600 mm high.



### LABORATORY JACKS "LAB-STEEL"

Made completely of AISI 304 stainless steel.

Models:

#### "LAB-STEEL" MINI

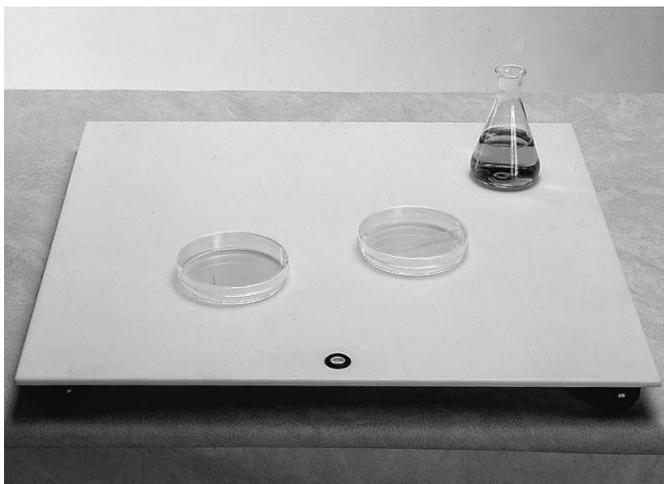
Part No. **1001104** Platform Dims.: 145 x 145 mm. Elevation height 55 to 155 mm. Maximum support weight: 1.3 Kg.

#### "LAB-STEEL" MEDI

Part No. **1001161** Platform Dims.: 200 x 200 mm. Elevation height 65 to 270 mm. Maximum support weight: 2 Kg.

#### "LAB-STEEL" MAXI

Part No. **1001105** Platform Dims.: 250 x 250 mm. Elevation height 65 to 270 mm. Maximum support weight: 3 Kg.



### TABLE TOP "ALMANDINE"

Made of polyester mineral resin.

#### Features:

Excellent chemical resistance, with resistance to class 1 and 2 chemicals.  
Resists abrasion, boiling water, dry heat, fire and scratches.  
Stains easily removed with a detergent or abrasive cleaner.

#### Applications:

Protects bench top surfaces against aggressive chemicals, burns and scratches.  
Suitable for working with: Acids, alkali bases, solvents or dyes.  
Preparation of horizontal agar gels.  
Preparation of petri dishes, etc.

Part No.	Width	Thickness	Depth	
<b>1001090</b>	48 cm	0.6 cm	45 cm	Without level
<b>1001091</b>	48 cm	0.6 cm	45 cm	With adjustable level supports



### STABILISING RINGS "CIRCUM"

P.V.C coated steel.

#### Applications:

The weight of the ring stabilises and prevents flasks from floating when placed in a water bath. Suitable for Conical, volumetric and all types of flasks.

Part No.	Colour	Mode	Ø interior mm.	Weight g.
<b>1001169</b>	red	open	50	207
<b>1001170</b>	red	open	70	340
<b>1001171</b>	red	open	100	470
<b>1001734</b>	blue	closed	48	270
<b>1001735</b>	blue	closed	70	360
<b>1001736</b>	blue	closed	90	440

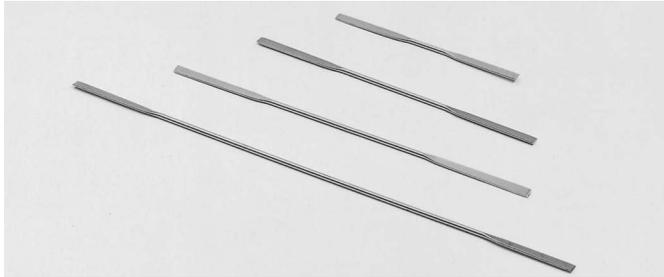
Ring support holder, made of stainless steel.

Part No. **1001737**



# Spatulas, scoops and vessels.

STAINLESS STEEL AND NICKEL EVAPORATING BASINS.  
STAINLESS STEEL, NICKEL AND ZIRCONIUM CRUCIBLES.



## MICRO SPATULA WITH FLAT ENDS

Made of AISI 304 stainless steel.

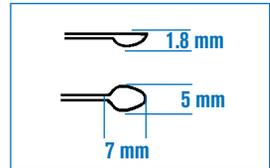
Part No.	Length	Width
1027680	80 mm.	4 mm.
1276120	120 mm.	4 mm.
1276150	150 mm.	4 mm.
1276210	210 mm.	4 mm.



## MICRO SPATULA WITH FLAT AND SPOON ENDS

Made of AISI 304 stainless steel.

Part No.	Length	Width
1277100	100 mm.	4 mm.
1277150	150 mm.	4 mm.
1277210	210 mm.	4 mm.



## MICRO-SPATULA CURVED ENDS

Made of stainless steel AISI 304.

Part No. **1001581** Length 150 mm.



## SPATULA FLAT AND GROOVED ENDS

Made of Stainless steel AISI 304.

Part No. **1000855** Total length 180 mm. Flat width 9 mm. Grooved width 8 mm.



## SPATULA WITH CURVED ENDS

Made of stainless steel AISI 304.

Part No.	Length	Width
1010313	130 mm.	11 mm.
1001518	150 mm.	11 mm.
1010318	180 mm.	11 mm.
1010321	210 mm.	11 mm.



## SPATULA WITH SPOON AND FLAT ENDS

Part No. Length Width

<b>1096120</b>	120 mm.	18 mm.	stainless steel AISI 304.
<b>1096150</b>	150 mm.	20 mm.	stainless steel AISI 304.
<b>1196120</b>	120 mm.	18 mm.	Pure nickel.
<b>1196150</b>	150 mm.	20 mm.	Pure nickel.



## CHISEL AND GROOVED SPOON END SPATULA

Part No. Length Width

<b>6021312</b>	120 mm.	18 mm.	stainless steel AISI 304.
<b>6021315</b>	150 mm.	20 mm.	stainless steel AISI 304.
<b>6121312</b>	120 mm.	18 mm.	Pure nickel.
<b>6121315</b>	150 mm.	20 mm.	Pure nickel.



## FLAT SPATULA WITH SPOON

Made of Stainless steel AISI 304.

Part No. **1001583** Length 180 mm.



## SPATULA DOUBLE SPOON ENDS

Made of Stainless steel AISI 304.

Part No. **1001582** Length 150 mm.



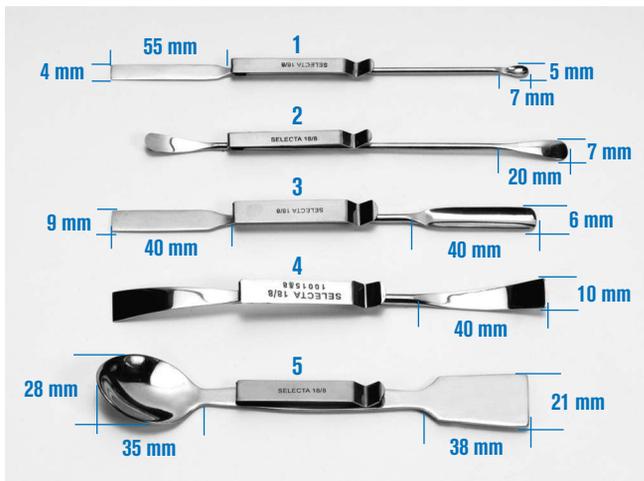
## DOUBLE SPATULA SEMI-MICRO

Made of Stainless steel AISI 304. Total length 140 mm

Rectangular end: 35 long x 7 mm wide.

Oval end: 35 long x 7mm wide.

Part No. **1278140**



### SPATULA WITH POCKET CLIP

Part No.

1. **1001585** Micro-spatula flat spoon end. Length 150 mm.
2. **1001586** Micro-spatula curved end. Length 150 mm.
3. **1001587** Spatula flat with grooved end. Length 150 mm.
4. **1001588** Spatula double end flat. Length 150 mm.
5. **1001589** Spatula flat and spoon ends. Length 150 mm.



Specially designed for lab coats with upper pocket.



### FLAT AND CURVED END SPATULA

Made of AISI 304. stainless steel.

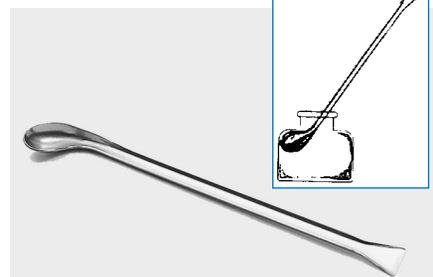
Part No.	Length	Width
<b>6099120</b>	120 mm.	20 mm.
<b>6099150</b>	150 mm.	24 mm.
<b>6099180</b>	180 mm.	24 mm.
<b>6099210</b>	210 mm.	24 mm.



### SPATULA DOUBLE CURVED ENDS

Made of AISI 304. stainless steel.

Part No.	Length	Width
<b>6100120</b>	120 mm.	15 mm.
<b>6100150</b>	150 mm.	25 mm.
<b>6100180</b>	180 mm.	25 mm.
<b>6100210</b>	210 mm.	25 mm.



### GROOVED SPATULA

Grooved spoon, made of AISI 304 stainless steel.

Total length: 190 mm.  
Designed to remove residues from flasks and bottles due to the flat sharp end and curved spoon.  
Part No. **1096190**



### SPATULA SPOON FLAT-CONCAVE

Made Stainless steel AISI 304.

Part No. **1001584** Length 250 mm.



### FLAT SPATULA WITH SPOON

Analytical type, made of AISI 304 Stainless steel. Total length: 210 mm.

Rectangular end: 40 long x 9 mm wide.

Spoon end: 30 long x 18 mm wide.

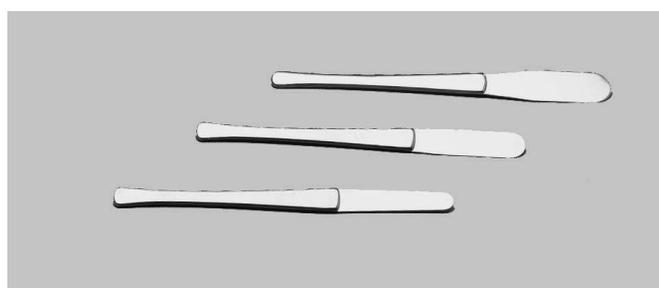
Part No. **1095210**



### PASTE KNIFE WITH WOODEN HANDLE

Blade made from tempered Stainless steel.

Part No.	Blade length	Blade width	Part No.	Blade length	Blade width
<b>1010280</b>	80 mm.	14 mm.	<b>1102160</b>	160 mm.	24 mm.
<b>1102100</b>	100 mm.	16 mm.	<b>1102200</b>	200 mm.	29 mm.
<b>1102120</b>	120 mm.	18 mm.	<b>1102240</b>	240 mm.	34 mm.
<b>1102140</b>	140 mm.	22 mm.	<b>1102280</b>	280 mm.	34 mm.



### FLEXIBLE SPATULA

With stainless steel AISI 304 blade and handle.

Part No.	Total length	Blade length	Blade width
<b>1000856</b>	160 mm.	52 mm.	11 mm.
<b>1000857</b>	160 mm.	52 mm.	15 mm.
<b>1000858</b>	170 mm.	60 mm.	20 mm.



### MULTI PURPOSE KNIFE

With a black bakelite® handle. Designed for comfort and safety  
 Made of tempered stainless steel.  
 Total length: 230 mm.  
 Blade length: 95 mm.  
 Part No. **1000862**



### SPATULA POCKET POUCH

Part No. **1001530**

Contents:

1 Flexible spatula. Part No. 1000856 . 1 Semi micro spatula. Part No. 1278140  
 1 Micro spatula flat spoon. Part No. 1277150. 1 Dissection scissors. Part No. 1000807  
 1 Forceps blunt end. Part No. 1000580



### SODIUM SPOON

With brass basket. Ø 25 mm. Total length: 190 mm.  
 Part No. **1000805**

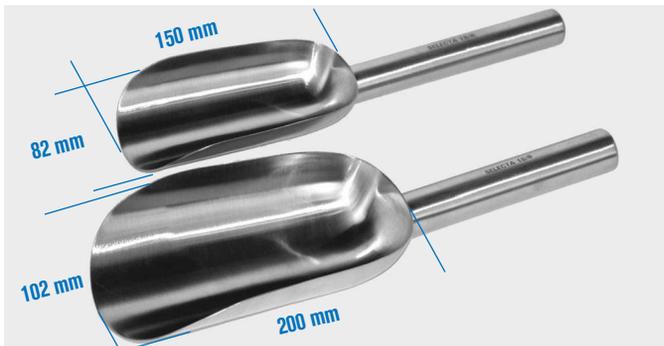


### POWDER SCOOPS

Length: 100 mm. Width: 26 mm.

Part No. **6000278** Stainless steel AISI 304.

Part No. **6001278** Pure nickel.



### SCOOPS WITH HANDLE

Made of stainless steel AISI 304.

Part No. **1001592** Medium Total length 320 mm.

Part No. **1001593** Big Total length 360 mm.



### VIBRATING SPATULA AND BALANCE WEIGHT FORCEPS

#### Vibrating spatula.

With manual vibrating device. Made of AISI 304 stainless steel.

Part No. **1000413** Curve end. Total length 176 mm. Width 12 mm.

Part No. **1000412** Grooved end. Total length 176 mm. Width 12 mm.

#### Balance weight forceps.

Made of AISI 304 stainless, electrobright finish. Total length 93 mm.

Part No. **1000217**

#### Forceps for balance weights.

Made of AISI 304 stainless, electrobright finish. Total length 100 mm.

Part No. **1000216**



### FUSION SPOONS

Made of AISI 304 stainless, wooden handle. Total length: 350 mm.

**Flat base.** Volume 90 ml.

Part No. **6000093**

**Round base.** Volume 75 ml.

Part No. **6000094**



### SCOOPS WITH HANDLE

Made of stainless steel AISI 304.

Part No.	Total length	Usable length	Width	Capacity
<b>1000859</b>	180 mm.	100 mm.	50 mm.	120 ml.
<b>1000860</b>	260 mm.	150 mm.	75 mm.	450 ml.
<b>1000861</b>	310 mm.	200 mm.	100 mm.	1500 ml.
<b>1001354</b>	330 mm.	210 mm.	150 mm.	2000 ml.



#### FUNNEL WITH HANDLE

Made of AISI304 stainless steel.

Part No. <b>1000906</b>	100 mm Ø x 100 mm high x 10 mm exit.
Part No. <b>1000907</b>	120 mm Ø x 112 mm high x 10 mm exit.
Part No. <b>1000908</b>	150 mm Ø x 159 mm high x 20 mm exit.
Part No. <b>1000909</b>	200 mm Ø x 183 mm high x 20 mm exit.



#### SPOON WITH HANDLE

Made of AISI304 stainless steel.

Part No. <b>1001594</b>	Capacity 100 ml. Total length 240 mm. Ø 83 mm
Part No. <b>1001595</b>	Capacity 200 ml. Total length 280 mm. Ø 92 mm
Part No. <b>1001596</b>	Capacity 300 ml. Total length 360 mm. Ø 102 mm



#### FLAT BOTTOM BASINS

Stainless steel AISI 304	Nickel Ni	Ø	Height	Volume
Part No. <b>1009160</b>	Part No. <b>1019160</b>	60 mm.	25 mm.	40 ml.
<b>1009170</b>	<b>1019170</b>	70 mm.	25 mm.	60 ml.
<b>1009180</b>	<b>1019180</b>	80 mm.	30 mm.	90 ml.
<b>1091100</b>	<b>1191100</b>	100 mm.	35 mm.	180 ml.



#### EVAPORATION BASINS, ROUND BOTTOM

Stainless steel AISI 304	Nickel Ni	Ø	Height	Volume
Part No. <b>1009260</b>	Part No. <b>1019260</b>	60 mm.	25 mm.	35 ml.
<b>1009270</b>	<b>1019270</b>	70 mm.	25 mm.	50 ml.
<b>1009280</b>	-	80 mm.	30 mm.	75 ml.
<b>1092100</b>	-	100 mm.	35 mm.	125 ml.



#### PETRI DISH WITH LID

Stainless steel AISI 304	Nickel Ni	Ø	Height	Volume
Part No. <b>1002126</b>	Part No. <b>1012126</b>	60 mm.	20 mm.	50 ml.
<b>1002128</b>	<b>1012128</b>	80 mm.	20 mm.	90 ml.
<b>1021210</b>	-	100 mm.	25 mm.	150 ml.
<b>1021212</b>	-	120 mm.	25 mm.	260 ml.
<b>1021215</b>	-	150 mm.	30 mm.	550 ml.



#### BUCKETS WITH HANDLES

Without graduation. Made of AISI304 stainless steel.

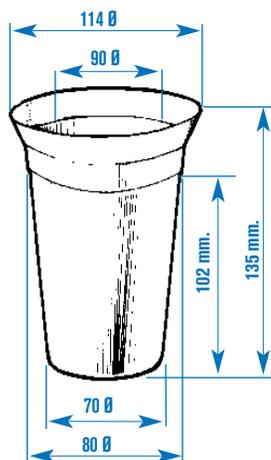
Part No.	Height	Ø	Capacity
<b>1001599</b>	270 mm	270 mm	10 litres
<b>1001600</b>	320 mm	350 mm	19 litres

#### BUCKET LIDS

Part No. <b>1001601</b>	Suitable for buckets 10 litres Part No. 1001599
Part No. <b>1001602</b>	Suitable for buckets 19 Litres Part No. 1001600



**DYE BEAKER**  
Stainless steel AISI 304.  
Volume: 500 ml.  
Part No. **6000291**



**CRUCIBLES**

**AISI 304 STAINLESS STEEL**

Part No.	Ø	Height	Thickness	Volume	Lids Part No.
<b>1098302</b>	30 mm.	32 mm.	2 mm.	20 ml.	<b>6009730</b>
<b>1098402</b>	40 mm.	42 mm.	2 mm.	45 ml.	<b>6009740</b>
<b>1009830</b>	30 mm.	32 mm.	0.6 mm.	20 ml.	<b>6009730</b>
<b>1009840</b>	40 mm.	42 mm.	0.6 mm.	45 ml.	<b>6009740</b>
<b>1009850</b>	50 mm.	55 mm.	0.8 mm.	85 ml.	<b>6009750</b>
<b>1009860</b>	60 mm.	65 mm.	0.8 mm.	140 ml.	<b>6009760</b>

**PURE NICKEL Ni**

Part No.	Ø	Height	Thickness	Volume	Lids Part No.
<b>1198302</b>	30 mm.	32 mm.	2 mm.	20 ml.	<b>6019730</b>
<b>1198402</b>	40 mm.	42 mm.	2 mm.	45 ml.	<b>6019740</b>
<b>1198502</b>	50 mm.	55 mm.	2 mm.	85 ml.	<b>6019750</b>
<b>1198602</b>	60 mm.	65 mm.	2 mm.	140 ml.	<b>6019760</b>
<b>1019830</b>	30 mm.	32 mm.	0.6 mm.	20 ml.	<b>6019730</b>
<b>1019840</b>	40 mm.	42 mm.	0.6 mm.	45 ml.	<b>6019740</b>
<b>1019850</b>	50 mm.	55 mm.	0.6 mm.	85 ml.	<b>6019750</b>
<b>1019860</b>	60 mm.	65 mm.	0.6 mm.	140 ml.	<b>6019760</b>

**ZIRCONIUM Zr**

Part No.	Ø	Height	Thickness	Volume	Lids Part No.
<b>1000563</b>	33 mm.	30 mm.	1 mm.	20 ml.	<b>6000567</b>
<b>1000564</b>	47 mm.	43 mm.	1 mm.	50 ml.	<b>6000568</b>
<b>1000565</b>	52 mm.	48 mm.	1 mm.	75 ml.	<b>6000569</b>
<b>1000566</b>	59 mm.	51 mm.	1 mm.	100 ml.	<b>6000570</b>

**QUARTZ GLASS**

Part No.	Ø	Height	Thickness	Volume	Lids Part No.
<b>1000570</b>	45 mm.	36 mm.	1,5 mm.	38 ml.	<b>1000620</b>
<b>1000571</b>	50 mm.	40 mm.	2 mm.	49 ml.	<b>1000621</b>
<b>1000572</b>	60 mm.	48 mm.	2 mm.	90 ml.	<b>1000622</b>
<b>1000573</b>	35 mm.	44 mm.	1,5 mm.	24 ml.	<b>1000623</b>
<b>1000574</b>	40 mm.	50 mm.	1,5 mm.	40 ml.	<b>1000624</b>
<b>1000575</b>	50 mm.	62 mm.	2 mm.	75 ml.	<b>1000625</b>

**QUARTZ GLASS FOR INCINERATION**

Part No.	Ø	Height	Thickness	Volume	Lids Part No.
<b>1000576</b>	27 mm.	45 mm.	1,5 mm.	15 ml.	Included
<b>1000577</b>	25 mm.	38 mm.	1,5 mm.	10 ml.	Included

**STAINLESS STEEL AISI 304- PURE NICKEL - ZIRCONIUM - QUARTZ**

**STAINLESS STEEL** is usable at temperatures from -180 °C to +500 °C. Resistant to nitric acid, nitrate and potassium permanganate. Good resistance to concentrated alkaline solutions. Average resistance to acetic acid, hydrogen sulphide diluted, phosphoric low concentration, and solutions of sulphites, boric acid, organic acids and bromides.

**NICKEL** unalterable in the air and stainless up to temperatures of 500 °C, good resistance to molten alkali and seawater.

Excellent performance in the presence of wet chlorine or hydrochloric acid gas up to 500 °C. Slowly attacked by organic acids, hydrochloric and sulfuric acids. Low resistance to diluted nitric acid.

**THE ZIRCONIUM** unalterable in the air and clean, resistant up to 550 °C in an oxidizing atmosphere at 1500 °C in inert gas (argon or nitrogen), **in many cases to replace platinum crucibles** in all melting and in particular the sodium peroxide and carbonates. **About 100 melting per crucible**, making them very economical with reference to the others, either porcelain crucibles, steel or nickel. Resistant to most alkali solvents (Na, K, Li), carbonates, hydroxides, peroxides, borates, nitrates, chlorides, some fluorides and sulfuric acid up to 75% concentrate. **Hydrofluoric acid attacks it.**

**QUARTZ GLASS** has a high temperature resistant (liquid glass transition 1130°C) as well as a low thermal expansion. It is considered a unique material for several scientific applications due to its purity (can only be attacked by hot phosphoric acid and hydrofluoric acid) and thermal characteristics. Furthermore, quartz glass has extraordinary optical properties through its spectral transparency and high irradiation resistance.

# COMECTA Stainless steel receptacles.

QUALITY AISI 304.

## LABORATORY-HOSPITAL + SERIES



### ROUND BASINS

Part No.	Ø exterior	Ø interior	Height	Volume
8081810	133 mm.	118 mm.	45 mm.	400 ml.
8081812	175 mm.	157 mm.	58 mm.	850 ml.
8081814	217 mm.	199 mm.	66 mm.	1650 ml.
8081815	255 mm.	245 mm.	110 mm.	3400 ml.
8081817	318 mm.	297 mm.	117 mm.	7000 ml.



### STERILIZATION BOXES WITH LID

Part No.	Height	Width	Depth
8085504	30 mm.	170 mm.	70 mm.
8085505	50 mm.	200 mm.	100 mm.



### RECTANGULAR TRAYS

#### Conical shape

Part No.	Exterior Height	Exterior Width	Exterior Depth	Interior Width	Interior Depth
8080801	40 mm.	190 mm.	125 mm.	158 mm.	112 mm.
8080802	45 mm.	244 mm.	161 mm.	211 mm.	147 mm.
8080803	50 mm.	305 mm.	195 mm.	270 mm.	177 mm.
8080804	55 mm.	338 mm.	261 mm.	301 mm.	241 mm.

#### Long shape

Part No.	Exterior Height	Exterior Width	Exterior Depth	Interior Width	Interior Depth
8080208	18 mm.	175 mm.	62 mm.	145 mm.	49 mm.
8080207	28 mm.	380 mm.	160 mm.	351 mm.	145 mm.



### BOXES WITH ROUND LIDS

Part No.	Dimensions and Volume
8085514	140 Ø x 65 mm high. Volume 1000 ml.
8085515	180 Ø x 75 mm high. Volume 1500 ml.



### KIDNEY DISHES

Part No.	Dimensions
8085301	32 high x 200 mm long.
8085302	37 high x 250 mm long.
8085303	42 high x 300 mm long.



**TALL BEAKERS AND JUGS**

Mirror finish stamped beakers and jugs with a curved lip. Easily cleaned and resistant to large numbers of chemical agents.

1 Standard	2 With Spout	3 With handle and spout		
Part No.	Part No.	Part No.	Ø x Height	Volume
8002902	8012902	8092902	72 x 84 mm.	250 ml.
8002905	8012905	8092905	86 x 129 mm.	500 ml.
8029010	8129010	8929010	102 x 150 mm.	1000 ml.
8029020	8129020	8929020	132 x 184 mm.	2000 ml.
8029030	8129030	8929030	160 x 180 mm.	3000 ml.
8029040	8129040	8929040	180 x 200 mm.	4000 ml.
8029050	8129050	8929050	200 x 220 mm.	5000 ml.



**LIDS FOR BEAKERS AND JUGS**

Part No.	Beaker size	Part No.	Beaker size
8000250	250 ml.	8003000	3000 ml.
8000500	500 ml.	8004000	4000 ml.
8001000	1000 ml.	8005000	5000 ml.
8002000	2000 ml.		



**BUCKET WITH HANDLE**

Buckets. Graduated from 1 to 12 litres. 320 Ø x 300 mm high. Volume 12 litres.

Part No. **8000252**

**Bucket lids**

Part No. **1002521**



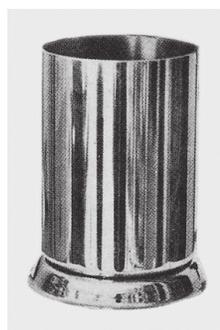
**MEDICINE CUPS**

Part No.

**8085530** Graduated. Capacity 30 ml.

**8085531** Graduated. Capacity 50 ml.

**8085532** With handle, no graduations. Capacity 300 ml.



**SERILISATION JAR**

100 Ø x 155 mm high. Volume 1000 ml.

Part No. **8080904**



**ROUND BASIN**

370 Ø x 145 mm high. Volume 9000 ml.

Part No. **8000140**



**SUPPORT FOR ROUND BASIN**

Portable with rubber wheels and brake.

Basin Part No. 8000140.

Part No. **6010140**



**SUPPORT FOR BUCKETS**

Portable with rubber wheels and brake.

For bucket Part No. 8000252.

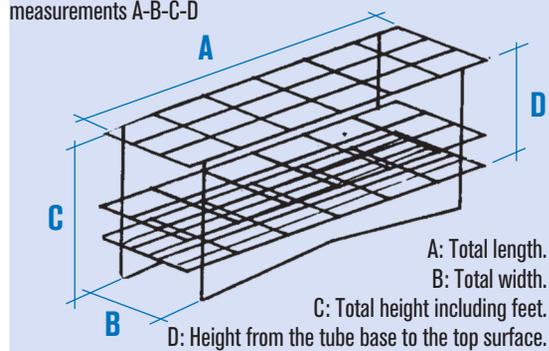
Part No. **6010252**



# Racks, baskets and storage for tubes pipettes and flasks

## TUBE RACKS

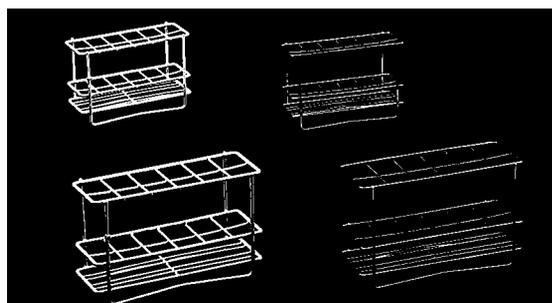
Schematic diagram indicating external measurements A-B-C-D



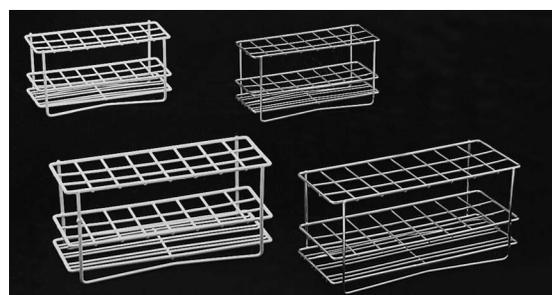
Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1001563</b>	Stainless steel	24 (6 x 4)	13 mm VAC	95	70	70	60



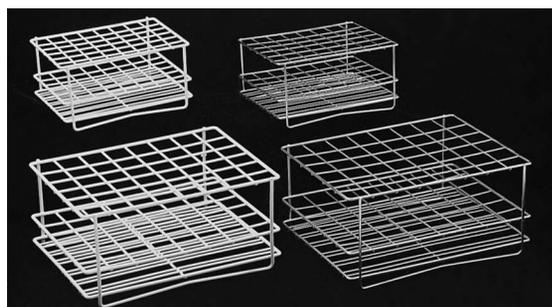
Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1001212</b>	PVC coated wire	12 (4 x 3)	13 mm	65	50	65	50
<b>1025500</b>	Stainless steel wire AISI 304	12 (4 x 3)	13 mm	65	50	65	50



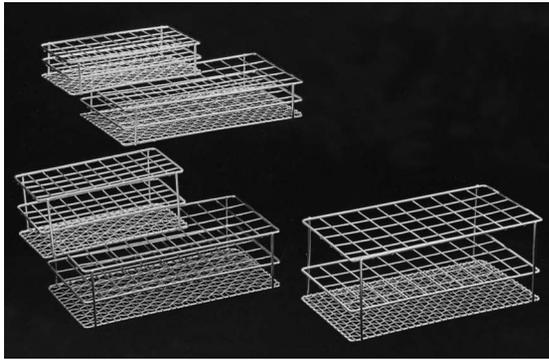
Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1026112</b>	PVC coated wire	12 (6 x 2)	16 mm	120	45	80	65
<b>1026412</b>	PVC coated wire	12 (6 x 2)	25 mm	180	65	110	95
<b>1025512</b>	Stainless steel wire AISI 304	12 (6 x 2)	16 mm	120	45	80	65
<b>1025812</b>	Stainless steel wire AISI 304	12 (6 x 2)	25 mm	180	65	110	95



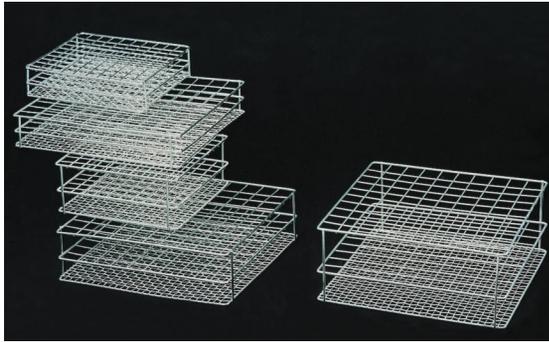
Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1026124</b>	PVC coated wire	24 (8 x 3)	16 mm	160	65	80	65
<b>1026424</b>	PVC coated wire	24 (8 x 3)	25 mm	235	95	110	95
<b>1025524</b>	Stainless steel wire AISI 304	24 (8 x 3)	16 mm	160	65	80	65
<b>1025824</b>	Stainless steel wire AISI 304	24 (8 x 3)	25 mm	235	95	110	95



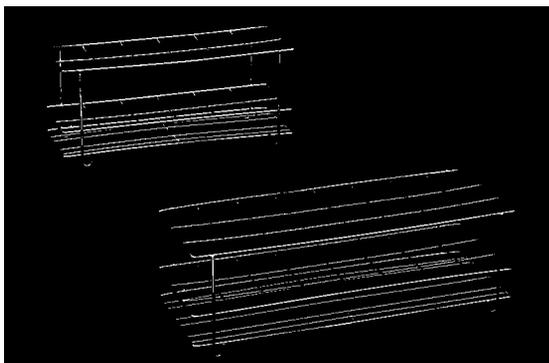
Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1026148</b>	PVC coated wire	48 (8 x 6)	16 mm	160	125	80	65
<b>1026448</b>	PVC coated wire	48 (8 x 6)	25 mm	235	180	110	95
<b>1025548</b>	Stainless steel wire AISI 304	48 (8 x 6)	16 mm	160	125	80	65
<b>1025848</b>	Stainless steel wire AISI 304	48 (8 x 6)	25 mm	235	180	110	95



Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1000603</b>	Stainless steel wire AISI 304	50 (10 x 5)	13 mm	162	84	35	35
<b>1000605</b>	Stainless steel wire AISI 304	50 (10 x 5)	13 mm	162	84	60	60
<b>1000607</b>	Stainless steel wire AISI 304	50 (10 x 5)	18 mm	210	110	40	40
<b>1000609</b>	Stainless steel wire AISI 304	50 (10 x 5)	18 mm	210	110	60	60
<b>1000611</b>	Stainless steel wire AISI 304	50 (10 x 5)	18 mm	210	110	85	85



Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1000604</b>	Stainless steel wire AISI 304	100 (10x10)	13 mm	162	162	35	35
<b>1000606</b>	Stainless steel wire AISI 304	100 (10x10)	13 mm	162	162	60	60
<b>1000608</b>	Stainless steel wire AISI 304	100 (10x10)	18 mm	210	210	40	40
<b>1000610</b>	Stainless steel wire AISI 304	100 (10x10)	18 mm	210	210	60	60
<b>1000612</b>	Stainless steel wire AISI 304	100 (10x10)	18 mm	210	210	85	85



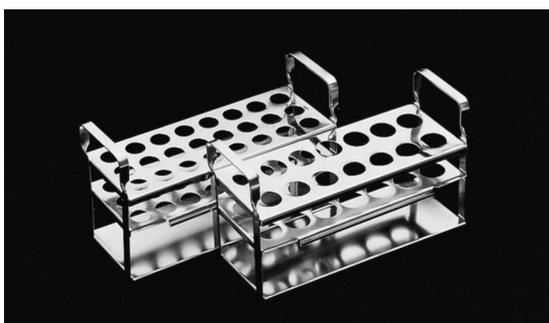
### Suitable for Nessler tubes

Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1004012</b>	Stainless steel wire AISI 304	12 (6 x 2)	40 mm	260	90	110	95
<b>1004024</b>	Stainless steel wire AISI 304	24 (8 x 3)	40 mm	345	130	110	95



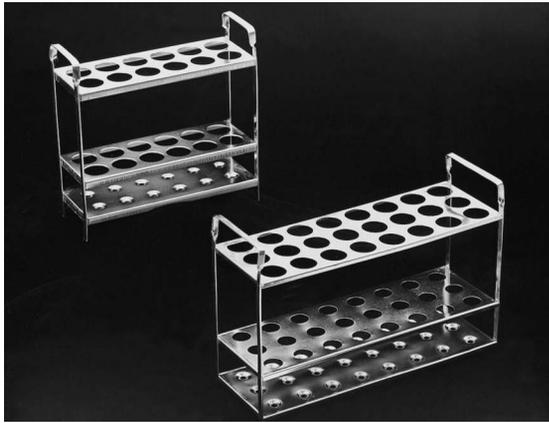
### Suitable for Falcon tubes with lids

Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1001715</b>	Stainless steel wire AISI 304	15 (5 x 3)	16 mm	120	80	90	75
<b>1001716</b>	Stainless steel wire AISI 304	8 (4 x 2)	30 mm	145	80	90	75



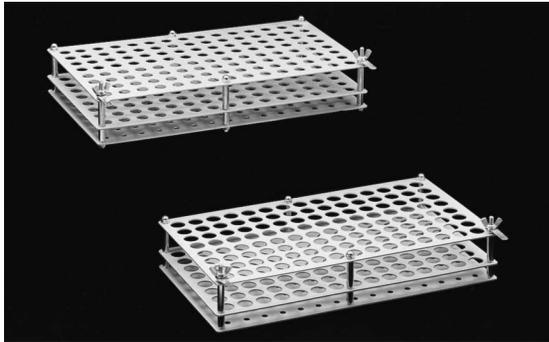
### With rack linking guides

Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1002532</b>	Stainless steel AISI 304	24 (8 x 3)	12 mm	160	62	65	-
<b>1002531</b>	Stainless steel AISI 304	14 (7 x 2)	16 mm	160	62	65	-



### Suitable for butyrometer

Part No.	Made of	Number of tubes	For tube	Dimensions ext. mm			
				A	B	C	D
<b>1025412</b>	Stainless steel AISI 304	12 (6 x 2)	Butyrometer	200	70	165	-
<b>1025424</b>	Stainless steel AISI 304	24 (8 x 3)	Butyrometer	285	95	165	-



### With decanting aid

Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1000433</b>	Anodised aluminium colour silver	120 (15 x 8)	11 mm	300	170	50	-
<b>1000434</b>	Anodised aluminium colour silver	120 (15 x 8)	14 mm	300	170	50	-

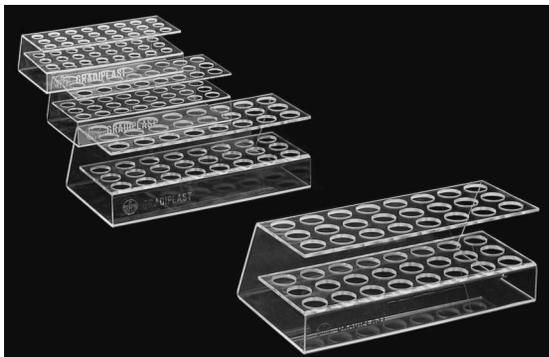


### Stackable and numeric

#### Stackable racks

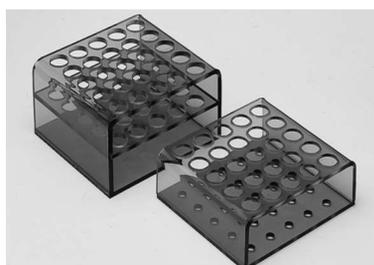
Made of anodised aluminium with alphanumeric from 1 to 10 and A to E.

Part No.	External dimensions mm.			Tube Capacity	For tubes of Ø up to
	Height	Width	Depth		
<b>1000830</b>	60	165	95	50	11 mm
<b>1000831</b>	60	195	100	50	14 mm
<b>1000832</b>	60	220	110	50	16 mm

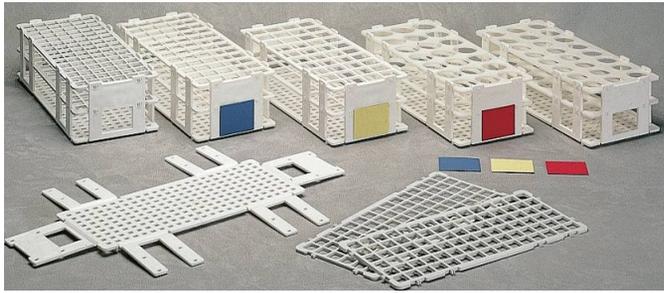


### Transparent methacrylate racks

Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1052012</b>	Transparent methacrylate	24 (8 x 3)	12 mm	170	90	50	50
<b>1052016</b>	Transparent methacrylate	24 (8 x 3)	16 mm	190	100	60	60
<b>1052022</b>	Transparent methacrylate	24 (8 x 3)	22 mm	255	150	80	80
<b>1052026</b>	Transparent methacrylate	24 (8 x 3)	26 mm	300	170	110	110



Part No.	Made of	Number of tubes	For tube Ø up to	Dimensions ext. mm			
				A	B	C	D
<b>1001251</b>	Methacrylate	25 (5 x 5)	11 mm	85	80	35	30
<b>1001252</b>	Methacrylate	25 (5 x 5)	12 mm	85	80	55	50



### PROPISEL RACKS

Made of high density white polypropylene. Easy to assemble. Stackable. Autoclavable. These racks do not float and are suitable for water baths for temperatures up to 140 °C. Each rack has a cross reference numbering systems for easy tube identification. Easily cleaned with a disinfectant. Colour white. Accessory rack identification cards are available in: yellow, blue and red.

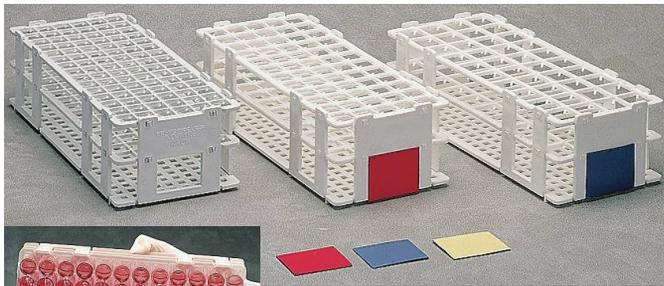
### Models

Part No.	Number of tubes	For tubes up to Ø mm	External dims. cm		
			Height	Width	Depth
1001115	90	13	7	10.5	25
1001116	60	16	7	10.5	25
1001117	40	20	7	10.5	25
1001118	24	25	7	10.5	25
1001119	21	30	7	10.5	25

### ACCESSORY

Identification cards, autoclavable.

Part No.	Color
1001120	Yellow
1001121	Blue
1001122	Red



### PROPISEL-FIX RACKS

Made of high density polypropylene. Comes with decanting aid that holds the tubes in place in the rack while the complete rack is emptied in one operation. Features: Same feature as the "Propisel".

Image showing the decanting aid in use and tubes still in place.

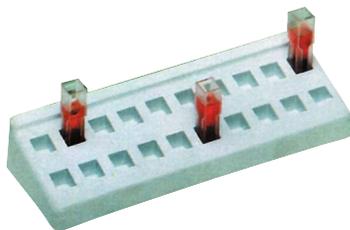
### Models

Part No.	Number of tubes	For tubes up to Ø mm	External dims. cm		
			Height	Width	Depth
1001123	90	11 to 13	7	10.5	25
1001124	60	14 to 16	7	10.5	25
1001125	40	19 to 20	7	10.5	25

### ACCESSORY

Identification cards, autoclavable.

Part No.	Color
1001120	Yellow
1001121	Blue
1001122	Red



### RACK FOR 20 10 mm SQUARE CUVETTES

Made of polypropylene. Positioning cross-reference. Height 35 mm. Width 70 mm. Depth 210mm. Colour: white. Part No. 1001528



### CIRCULAR RACK

Made in polyethylene for 4 tubes of 25 mm Ø, 8 tubes of up to 19 mm Ø and 16 up side down peg tube supports. Dimensions: 95 high x 180 mm Ø. Part No. 1001339



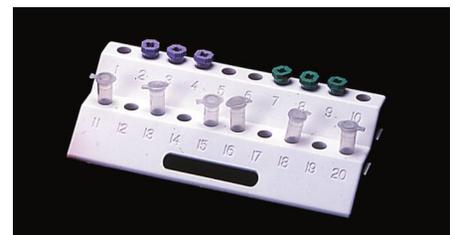
### RACK FOR 1.5 AND 2 ml MICROTUBES

Made of Polycarbonate, stackable, numbered positions and autoclavable. Number of tubes: 24 microtubes. Diameter: up to 11 mm Ø. Part No. 1001340



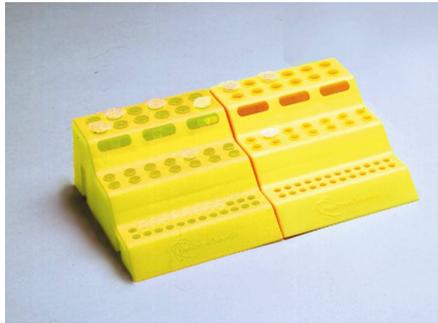
### RACK FOR 1.5 AND 2 ml MICROTUBES

Made of solid polypropylene, ideal for refrigerator and freezer storage. Numbered positions and autoclavable. Capacity: up to 80 micro-tubes. Part No. 1001341



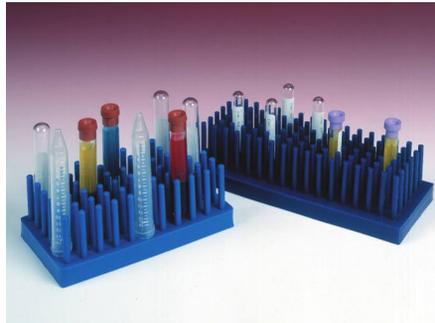
### RACK FOR 20 MICROTUBES OF 1.5 TO 2 ml

Made of polypropylene. Racks can be linked and fitted together. Numbered locations. Total length 21 cm. Part No. 1001523



### THREE LEVEL MICROTUBE RACK FOR 0.2 - 0.5 AND 1.5 ml

Made from polypropylene and can be linked at either end to form longer racks. Numbered positions. Lower level 24 micro tubes of 0.2 ml. Middle level 14 micro tubes of 0.5 ml. Upper level 12 micro tubes of 1.5 ml. Standard colour yellow. Part No. **1001542**



### MULTI SUPPORT TUBE RACK TUBE SIZE Ø 10/13 AND 14/17 mm

Suitable for drying and storing of tubes. Autoclavable. Suitable for use in a water bath. Standard colour blue. Part No. **1001543** Group of 80 spikes for tubes of 10-13 mm Ø. Part No. **1001544** Group of 50 spikes for tubes of 14-17 mm Ø.



### REVERSIBLE TUBE RACK FOR MICROTUBES 0.2/0.5 AND 1.5/2 ml

Made from polypropylene with removable lid that fits on any side. Alphabetic identification positions. Face A for 168 micro tubes of 0.2 ml and 12 x 1.5 ml. Face B for 40 micro tubes of 0.5 ml and 12 x 1.5 ml. Standard colour yellow. Part No. **1001545**



### REVERSIBLE TUBE RACKS FOR 0.5 - 1.5 AND 2 ml TUBES

Face A for 96 micro tubes of 0.5 ml. Face B for 96 micro tubes of 1.5 to 2 ml. Made from polypropylene with removable lid. Alphabetic tube position identification. Height 26 mm, with lid 50 mm. Width 115 mm. Length 250 mm. Standard colour yellow. Part No. **1001524**



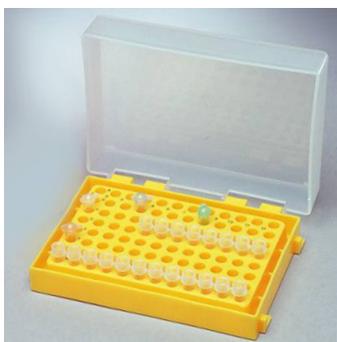
### BOX TO STORE 100 CRYO VIALS AND 1.5 TO 2 ml MICROTUBES

Made from polyethylene, with hinged, lid and pressure latch close. Height with lid 57 mm. Width 141 mm. Length 151 mm. Standard neutral colour. Part No. **1001525**



### BOX FOR 50 CRYO VIALS AND 1.5 TO 2 ml MICROTUBES

Made from polyethylene, with hinged, lid and pressure latch close. Alphabetic grid tube location within the lid. Height with lid 55 mm. Width 80 mm. Length 140 mm. Standard neutral colour. Part No. **1001526**



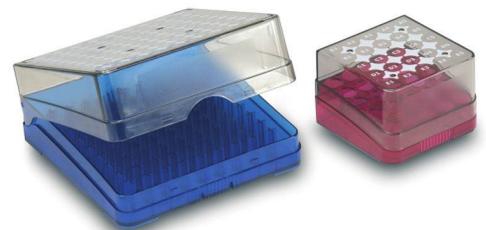
### STORAGE BOX FOR 96 TUBES OF 0.2 ml

Made from polypropylene, with hinged lid and pressure latch close. Alphanumeric identification positions. Height with lid 30 mm. Width 90 mm. Length 130 mm. Standard colour yellow. Part No. **1001527**



### BOX FOR STORING 12 X 10 mm CUVETTES

Made from Polypropylene, with hinged lid and pressure latch close. Removable base. Cuvette heights up to 60 mm high. Height with lid 60 mm. Width 115 mm. Length 115 mm. Standard colour neutral. Part No. **1001529**



### FREEZER BOXES FOR VIAL STORAGE

Made from polycarbonate. Suitable for freezer or liquid nitrogen storage for temperatures between -196 °C to +121 °C. Alphanumeric identification, with ventilation holes and drain. Pressure lid. Part No. **1001713** Box of 25 vials. Height with lid 55mm. Width 75 mm. Length 75 mm. Part No. **1001714** Box of 100 vials, Lid with hinge. Height with lid 55mm, Width 130mm. Length 130 mm.

**COMMON FEATURES**

Specially designed for protecting and maintaining PCR\* reagents, enzymes, bacteria, viruses and other biological samples cool or frozen during use. Also provides protection from temperature fluctuation, defrost cycles and freezer power failure.

Made from polycarbonate with a pre-filled chamber of non-toxic gel, complete with alphabetical identification grid in the lid.  
Freezer temperature resistant down to -135 °C.  
**Tubes are isolated and have no contact with the cooling solution.**

\* Note: PCR is a registered name of Hoffman-La Roche.



**“QUICK FREEZE” CONTAINER**

Quick freeze container with the capacity for 12 tubes 0.5 ml or 2 ml tubes.  
Unique reproducible freezer system for biological samples using ethanol samples of DNA and RNA. It will maintain the interior temperature for up to 45 minutes after removal from a freezer.  
**Freezing speed:**  
2 ml solution of alcohol at -20 °C, 3 minutes.  
2 ml solution of water 0 °C, 4 minutes.  
Size (with lid): 95 high x 100 depth x 140mm width.  
Part No. **5601050**



**MINI FREEZER CONTAINERS “COOLER 1051” AND “COOLER 1052”**

**Cooler 1051**  
Freezer container at 0 °C with the capacity for 12 tubes of 0.5 to 2 ml.  
Alphanumeric matrix on the lid.  
It will maintain temperature for up to 2 to 5 hours  
Size (with lid): 95 high x 100 depth x 140mm width.  
Part No. **5601051**

**Cooler 1052**  
Freezer container at 0 °C to -20 °C with a capacity for 32 tubes of 0.5 to 2 ml.  
Alphanumeric matrix on the lid.  
Double insulation body and lid that can maintain the internal temperature for a period of up to 2 hours.  
Size (with lid): 105 high x 130 depth x 270 mm width.  
Part No. **5601052**



**MINI FREEZER CONTAINERS “COOLER 1053”**

Freezer container at 0 °C with the capacity for 12 tubes of 16/17 mm Ø and 15 ml centrifuge tubes.  
Alphanumeric matrix on the lid.  
It will maintain temperature for up to 2 to 5 hours.  
Size (with lid): 150 high x 140 depth x 190 mm width.  
Part No. **5601053**



**CONTAINER “CRYO 1 °C COOLER”**

Freezer container with constant reproducible progressive cooling rate of 1 °C/min with a capacity for 18 cryo tubes of 1.2 to 2 ml  
**Operation:** fill the container with alcohol isopropanol (C<sub>3</sub>H<sub>8</sub>O) and place tube rack inside replace the lid and put into a freezer.  
The container can be placed in a water bath for thawing.  
Capacity of C<sub>3</sub>H<sub>8</sub>O = 250ml  
Size (with lid): 86 high x 117 mm Ø.  
Part No. **5601055**



**“ICE BUCKET”**

Container with lid, made of double-bodied polystyrene of 2 mm thickness with thermal insulation that is chemically resistant, made from expanded polystyrene.  
Ideal for maintaining samples submerged in ice for short time periods. Capacity 3-5 litres.  
External dimensions: 19 height x 27 width x 27 cm depth.  
Internal dimensions: 17 height x 25 width x 25 cm depth.  
Part No. **5601054**

“COM-50” MODEL: PRODUCTION 58 kg-24 HOURS.  
 “COM-85” MODEL: PRODUCTION 89 kg-24 HOURS.  
 “COM-150” MODEL: PRODUCTION 142 kg-24 HOURS.

**APPLICATIONS**

For preservation and storage of analytic samples, biological tissues, cellular cultures and other applications that require maintenance of the temperature below ambient.

**FEATURES**

External case made of stainless steel.  
 Thermal isolated inside.  
 High capacity for flake ice production from running or purified water.  
 Tropicalized (Class T).  
 The installation of an anti-scale filter and periodic cleaning are advised in areas with medium or high limescale content (hard water)

**CONTROL PANEL**

Main power switch.



COM-50 Part No. 5020104



COM-85 Part No. 5020105



COM-150 Part No. 5020106



**NEW DESIGN**

MODELS	Código	Production Kg (24h.)	Capacity Kg (tank)	Height / Width / Depth cm	Power supply	Power W	Weight Kg
COM-50	5020104	58	20	79 47 60	220V 50Hz	470	58
COM-85	5020105	89	20	79 47 60	220V 50Hz	550	58
COM-150	5020106	142	60	136 51 55	220V 50Hz	900	75

**COMPLEMENT “ICE BUCKET”**

See page 189.

**MAXIMUM PRESSURE LOAD: 15 TONS**

**FEATURES**

Compact and easy to use, designed for a maximum pressure load of 15 tons, especially for pressing in chemical research laboratories and materials for preparing ceramic composite. This machine has an integrated auto return hydraulic pump.

Tablets from 6.3mm to 19mm can be compacted with the MT matrix accessory, for KBR compression technique and fluorescence analysis works. Cylinder elevation of 0-25mm.

**MODEL**

Part No.	Max. Pressure tons	Height / Width / Depth mm	Weight Kg	Max. Working area mm Height / Width / Depth
5810200	15	55 13 21	30	150 x 160 x 160

**ACCESORIES**

- Part No. 5810201 MT Matrix 12.5mm
- Part No. 5810202 MT Matrix 6.3mm
- Part No. 5810203 MT Matrix 19mm
- Part No. 5810204 MT Matrix 3.2mm





### FREEZING CONTAINER

For sample freezing with liquefy gas (liquid nitrogen), liquids and solutions.

Spherical inside. Exterior made of AISI 304 stainless steel. Double body with thermal isolated PTFE joint. Hit-resistant.

External measures: 14 high x 24cm wide.

Capacity: 1.5 L. Weight Kg: 2,9.

Part No. **1001640**



### FLOATING TUBE RACK 1.5 AND 2 ml MICRO-TUBES

Made of polypropylene, with a support to hold microtubes. Ideal for constant temperature application.

Capacity: 16 microtubes.

Dimensions: 4 high x 10 wide x 10 cm deep.

Part No. **1001342**



### THERMOMETER AND PIPETTE RACK

Made of polypropylene.

No. of positions: 12 positions.

Part No. **1001314**



### PIPETTE RACK "CIRPIP"

Portable upright rack for pipettes and thermometers, made of PVC. No. of positions: 93 of various sizes.

Stable heavy base with drain

Weight 0.4 Kg.

Part No. **1001254**



### PIPETTE RACK "STABIL"

Pipette rack made from polyethylene for 28 pipettes or thermometers up to 14 mm Ø. Stable heavy base with drain and two adjustable height supports.

Weight 1.5 Kg.

Part No. **1001466**



### SAMPLE CONTAINERS "CONTESEL"

Applications: designed for dispensing, storage or preservation of organic and inorganic samples.

Polypropylene container and quick fit screw cap lid.

Lid system with flap AQUISEL (international patent.)

That allows the manipulation of the sample without having to remove the lid and maintains a seal.

Dosing by means of an automatic or standard pipette.

Vessel graduated to: 20, 40, 60, 80 and 100 ml, frosted screen for writing.

Includes gullet for pouring .

Comes complete with violet coloured lid valve.

Part No.	colour	capacity ml	total height cm	quantity
<b>1001699</b>	violet	100	7	300

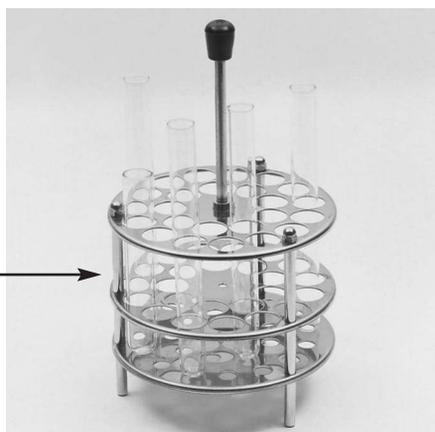
### CIRCULAR RACKS

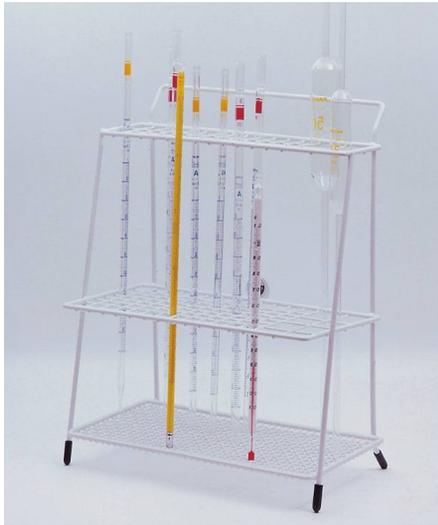
Made of AISI 304 stainless steel.

138 mm Ø x 120 mm high. Suitable for the "Baher" and "Univeba" baths (see BATHS for more details).

Part No. **7000541** for 24 tubes up to 18 mm in Ø.

Part No. **7004002** for 24 tubes up to 13mm in Ø.





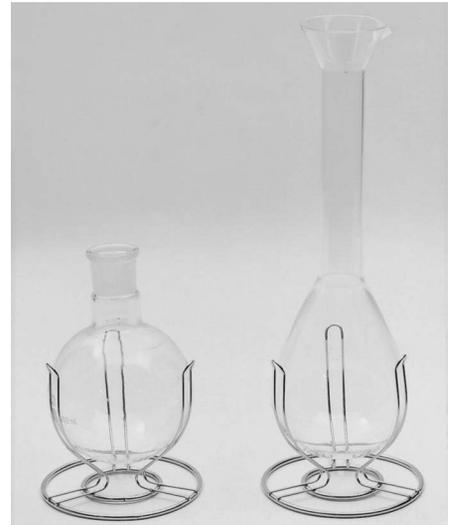
**SUPPORT AND DRAIN RACK FOR PIPETES “SOP-PIP”**

Made AISI 304 stainless steel.  
Holds up to 112 pipettes of different sizes.  
Part No. **1001223**



**TILTED SUPPORT RACK “SOP-INC”**

Suitable for pipettes, hydrometers and thermometers rack, made of methacrylate. 6 positions.  
Part No. **1000015**



**KJELDAHL FLASK SUPPORT**

Made of AISI 304 stainless steel with electrobright finish. Suitable for flasks up to 500 ml.  
Part No. **1000002**



**PIPETTE RACK**

Made of AISI 304 stainless steel.  
No. of places: 6 dosing pipettes of various sizes up to 28 cm in length. (See pages 220 - 221).  
Part No. **1001215**



**SUPPORT RACK FOR PIPETTE AID “COM-PIP”**

Made of AISI 304 stainless steel.  
No. of places: 6 dosing pipettes of various sizes. (See page 220-221).  
Part No. **1001702**



**ROUND BOTTOM FLASK SUPPORT**

Made of moulded rubber (E.P.D.M.). Temperature resistance up to 100 °C. Specially designed with stepped surface to support different flask diameters. From 100 ml up to 10 litre capacity.  
Dimensions: 50 mm high x 160 mm Ø.  
Part No. **1000863**



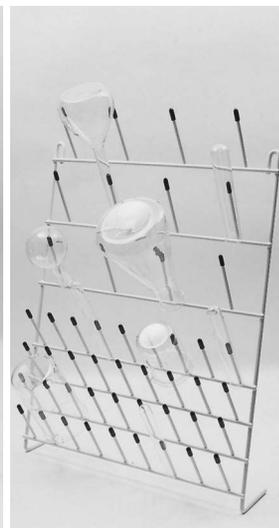
**TABLE TOP OR WALL MOUNTABLE DRAIN RACK**

Made of PCV coated wire.  
640 high x 500 mm wide.  
With 79 positions, complete with drip tray.  
Part No. **1000481**

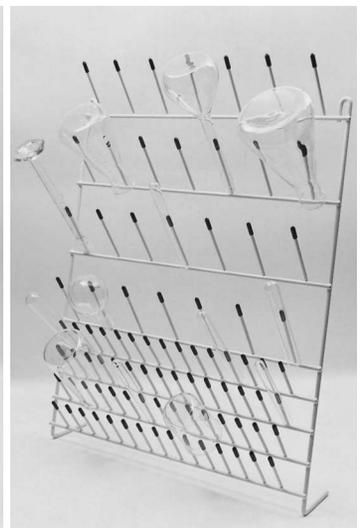


**DRAIN RACK**

Made of PCV coated wire.  
**32 positions.**  
300 high x 400 mm wide.  
Part No. **1024132**



**48 positions.**  
500 high x 400 mm wide.  
Part No. **1024148**



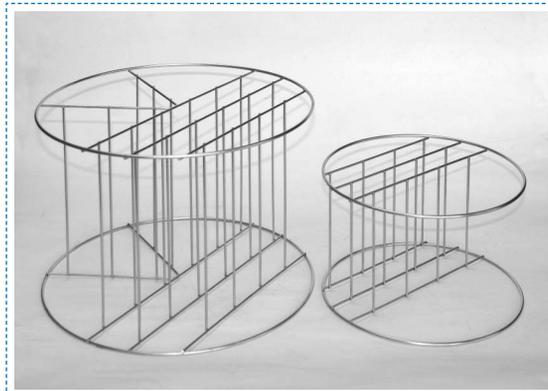
**88 positions.**  
620 high x 500 mm wide.  
Part No. **1024188**



### WIRE BASKETS

Made of AISI 304 stainless steel sheet with electro-bright finish. Designed to fit the Selecta autoclaves. (See page 53).

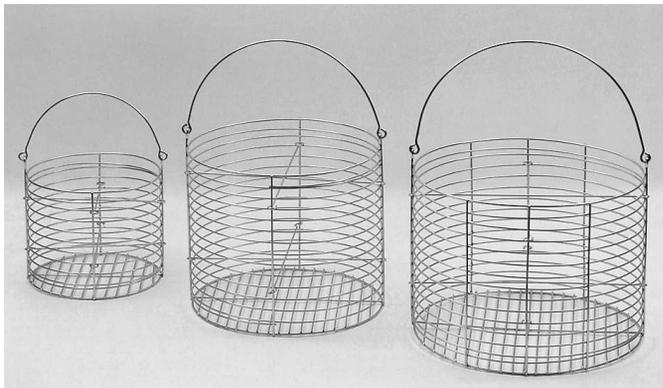
Part No.		Part No.	
<b>1004771</b>	220 Ø x 140 mm high.	<b>1000496</b>	365 Ø x 265 mm high.
<b>1004772</b>	220 Ø x 240 mm high.	<b>1000780</b>	435 Ø x 205 mm high.
<b>1000495</b>	265 Ø x 185 mm high.		



### ACCESSORY

Basket dividers, stainless steel AISI304, electrobright finish.

Part No.		For baskets, Part No.
<b>1001217</b>	4 compartment divider	1000495
<b>1001218</b>	6 compartment divider	1000496
<b>1001222</b>	7 compartment divider	1000780



### WIRE BASKETS

Electropolished stainless steel AISI 304.

Part No.	Dimensions	With cross dividers.
<b>1025115</b>	210 Ø x 180 mm high	<b>1125115</b>
<b>1025121</b>	150 Ø x 120 mm high	<b>1125121</b>
<b>1025124</b>	240 Ø x 180 mm high	<b>1125124</b>



### STERILIZATION DRUMS

Made from AISI 304 stainless steel. Designed to fit the Selecta autoclaves. (See page 53.)

Part No.	Ø cm	Height cm	
<b>1002418</b>	28	18	
<b>1002419</b>	35	27	
<b>1002420</b>	28	18	Doesn't match Selecta autoclaves.



### STERILIZER CAN FOR PIPETTES

Made from Stainless steel AISI 304.

Part No.	height mm	Ø mm
<b>1000829</b>	400	72
<b>1001126</b>	400	130

### STERILIZATION CONTAINER FOR PETRI DISHES

Made of AISI 304 stainless steel. Complete with Petri dish rack for up to 120 mm Ø.

Models	height / Ø mm	No. of plates
Part No.		
<b>1001127</b>	260 / 130	10
<b>1001128</b>	400 / 130	18



### PETRI DISH RACK

Made of AISI 304 stainless steel, with electro-bright finish.

For 10 dishes of 80 to 100 mm Ø.

Part No. **1000259**



### PIPETTE BASKET

Made of AISI 304 stainless steel with electro-bright finish. 90 mm Ø x 250 mm high.

Part No. **1000251**



### STERILIZATION CONTAINER FOR PIPETTES

Made from Stainless steel AISI 304. Lid interior and base lined with silicon to protect pipette end and tip.

Part No.	height mm	Ø mm
<b>1001597</b>	290	65
<b>1001598</b>	340	65



## Burners, alcohol, butane, propane and natural gas



### ALCOHOL BURNER

Screwcap jar with wick.  
Capacity 120 ml.  
Part No. **1001256**



### ALCOHOL BURNER

Chrome plated top with wick height control.  
With lid and chain.  
Capacity 85 ml.  
Part No. **1001434**



### BUNSEN BURNER

With both gas and air regulator.  
Tube Ø exterior: 11 mm. Total height: 140 mm.  
Part No.

**7000134** For butane/propane gas.

**7009133** For natural gas.



### SIMPLE BUNSEN BURNER

Air regulator only, nickel plated.  
External tube Ø : 11 mm. Total height: 130 mm.  
Part No.

**7000044** For butane/propane gas.

**7000937** For natural gas.



### MEKER BURNERS

With gas and air regulator.

**Model Small.** External tube Ø at its maximum point: 22 mm. Total height: 175 mm.

Part No.

**7001108** For butane/propane gas.

**7001109** For natural gas.

**Model Medium.** External tube Ø at its maximum point: 27 mm. Total height: 185 mm.

Part No.

**7001110** For butane/propane gas.

**7001111** For natural gas.

**Model Large.** External tube Ø at its widest part: 32 mm. Total height: 190 mm.

Part No.

**7001112** For butane/propane gas.

**7001113** For natural gas.



### MEKER BURNER

With permanent flame. Gas and air control.  
External tube Ø at its widest point: 22 mm.  
Total height: 175 mm.  
Part No.

**7001106** For butane/propane gas.

**7001107** For natural gas.



### TECLU BURNER

With air and gas regulator.  
External tube Ø: 13 mm. Total height: 180 mm.  
Part No.

**7094519** For natural gas.



### NATURAL GAS BURNERS

With air and gas regulator.  
With approved gas pressure connection 1/2" nut and olive, supplied as an accessory.

External tube Ø: 11 mm. Total height: 165 mm.

Part No.	For gas	Working pressure	Normal power	Weight Kg
<b>7001551</b>	natural	18 mbar	0.69 kw	1.6

### ACCESSORY

Gas tube with connections (see page 195).



#### BUNSEN BURNER WITH SAFETY GAS CUT OUT

With gas and air regulator

Designed for maximum laboratory safety.

Equipped with a flame detector that will shut off the gas supply within 20 seconds if the flame is extinguished.

With tube connection.

Tube Ø ext.: 11 mm. Total height: 140 mm.

Part No.	Gas type	Pressure	Nominal power
7001546	butane	28/37 mbar	0.69 kw
7001547	natural	18 mbar	0.69 kw



#### BUNSEN BURNER WITH SAFETY GAS CUT OUT, NATURAL GAS

With gas and air regulator.

Designed for maximum laboratory safety.

Equipped with a flame detector that will shut off the gas supply within 20 seconds if the flame is extinguished.

Tube connection of 1/2 inch. Supplied as an accessory. Tube Ø ext.: 11 mm. Total height: 165 mm.

Part No.	Gas type	Pressure	Nominal power	Weight
7001539	natural	18 mbar	0.69 kw	1.6 Kg



#### BUNSEN BURNER

With air and gas regulators.

Ø ext. tube: 11 mm. Total height: 140 mm.

Part No.	Gas type	Pressure	Nominal power
7000657	butane	28/37 mbar	0.69 kw
7000658	natural	18 mbar	0.69 kw

Tube Ø ext. : 13 mm. Total Height: 170 mm.

Compliant with Spanish Royal Decree RD 919/2006

Part No.	Gas type	Pressure	Nominal power
7000660	butane	28/37 mbar	1.14 kw
7000661	natural	18 mbar	1.14 kw



#### BURNER FOR BUTANE GAS

Suitable for use with bottled gas "International Camping Gas". Approved following ACTA of the GENERAL LABORATORY ANALYSIS AND SERVICES FOR INDUSTRY. Manufactured in accordance with the "regulation for apparatus used with combustible gasses" decree 1651/1974. External tube Ø: 14mm. Direct regulated pressure. Nominal power 0.72 Kw at 1 bar.

Part No. 7000666

#### ACCESSORY

Gas cable with connections, flexible coated stain-



less steel 100 cm long with 1/2 inch connection with quick fit and safety valve. Conforms to the UNE 60715 & BS669. Safety regulations.

Part No. 1001541



#### BUNSEN WITH PERMANENT PILOT FLAME

Permanent flame. Total height: 150 mm.

Part No.

1000875 For butane/propane gas (45/57 mbar).

1000876 For natura gas (18/25 mbar).

#### ACCESSORIES



Wide flame burner head made of tin. Suitable for the "Camping Gas" burner.

Part No. 7003612



Tripod support with flat ring, fitted with a burner, suitable for "Camping Gas International" bottle.

Exterior Ring Ø : 140 mm.

Interior Ring Ø: 110 mm.

Part No. 7000489



#### HIGH POWER BURNER

With air and gas regulators. Tube Ø ext. at its maximum diameter 21 mm. Total height 170 mm.

Part No. 7000225 Suitable for butane/propane.

Part No. 7009223 Suitable for Natural gas.



#### BUNSEN BURNER WITH CONICAL TUBE TECLU

With air and gas regulators.

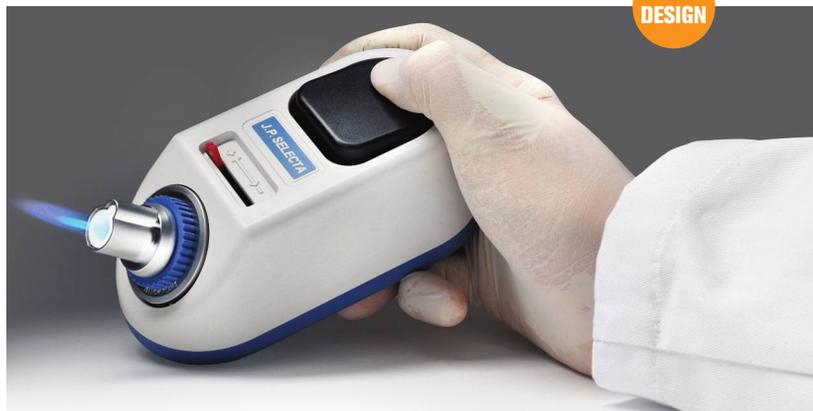
Total height: 150 mm.

Part No.	Gas type	Pressure	Nominal power
7000663	butane	28/37 mbar	0.69 kw
7000664	natural	18 mbar	0.69 kw



### BUNSEN J3000 BLUE UNIVERSAL

For Butane gas. Instant safety flame push button ignition incorporating a LOCK/ON mechanism that prevents accidental fires, Unit switches off when the users hand is removed. Regulation of flame intensity and flame color. Gas fill by a simple lighter gas fuel as used common gas lighters. Long life flint. Power by a 1.5 V battery. Flame temperature: 1300 °C.



### APPLICATIONS

Microbiology, bacteriology, dentistry and for general use where a fine hot flame is required for fast heat and fusion.

Part No. **1001134**



### BURNER "MICROTORCH"

#### APPLICATIONS:

Used for soldering, dentistry, general laboratory use. Suitable for plastic moulds, glass and metal tubes. etc. Butane gas.

Portable with a removable bench top base. Microflame instant piezo electric start. Flame temperature controllable to 1300 °C. Refill using common gas lighter cartridge. Gas capacity: 26 g. Total time before refill: 2 hours. Part No. **5000011**

### ACCESSORIES

#### FLAME SPREADER BURNER HEAD



Straight form. Stainless steel AISI 304.

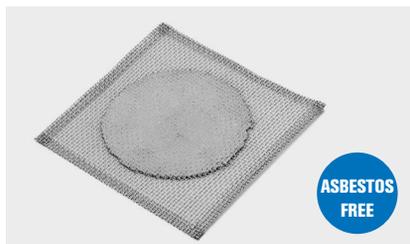
Part No. **7003611** For tube of Ø 11 mm.  
Part No. **7003613** For tube of Ø 13 mm.

#### FLAME SPREADER BURNER HEAD



Straight form. Made of tin.

Part No. **7003612** For tube of Ø 11 mm.  
Part No. **7003614** For tube of Ø 13 mm.



ASBESTOS FREE

#### GAUZE IRON WIRE WITH CERAMIC FIBRE

Part No.  
**1087102** 100 mm side.  
**1087122** 120 mm side.  
**1087142** 140 mm side.  
**1087162** 160 mm side.  
**1087182** 180 mm side.  
**1087202** 200 mm side.



#### TRIPOD STAND WITH RING TOP

Galvanised steel.  
Part No.      Ø exterior ring      Total height  
**7000808**      80 mm.      210 mm.  
**7008010**      100 mm.      210 mm.  
**7008012**      120 mm.      210 mm.  
(For variable height tripods see page 174).



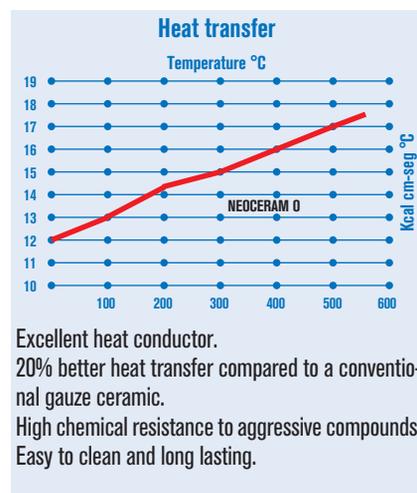
### BLOW PIPES

Part No.  
**1000877** Butane gas.  
**1000878** Natural Gas.



#### CERAMIC PLATES "NEOCERAM"

Resistant to temperatures from -200 °C to 700 °C.  
Part No.  
**1000684** 120 x 120 x 3 mm.  
**1000685** 140 x 140 x 3 mm.  
**1000686** 160 x 160 x 3 mm.





## Infrared tip sterilizer "Sterilbio"

### APPLICATIONS

Sterilization of culture tips, needles and small instruments. Incinerates organic material at 900 °C for 5/8 seconds.

### FEATURES

Made from ceramic elements with a quality quartz tube interior.  
Does not need purged oxygen and can be used in anaerobic environments.  
Eliminates problems of aerosols and bacterial contamination.  
Support at the side for 4 Kolle handles, needles, lancet or dissecting forceps etc.

### MODEL

Part No.	Height/Width/Depth (exterior) cm			Ø/Length (tube interior) cm		Power W	Weight Kg
<b>3000788</b>	20	13	18	1.4	15	110	1.5



## COMECTA Hot Air gun "Salki 1500"

WORKING TEMPERATURE 400 °C AND 590 °C.

### APPLICATIONS

Suitable for heating liquids, solids and gasses:

- Dry
- Soft solder
- Fusions
- Evaporation
- Curing adhesives
- Plastic moulds
- Softening surfaces
- Fast defrost
- Film drying R.X.
- Chromatography applications drying paper and electrophoresis.
- Heating moulds and drying dental moulds etc.

### FEATURES

Industrial model with vertical angle support.  
Brushless motor.  
Three positions:  
- Position 0 stop.  
- Position I temperature 400 °C.  
- Position II temperature 590 °C.

### MODEL

Part No.	Temperature °C	Power W	Weight Kg
<b>5000750</b>	until 590	1500	0.8



### ACCESSORIES



**Burner head 75 mm.**  
Part No. **5011148**



**Shaft Ø 20 mm.**  
Part No. **5014415**



**Tube deflector.**  
Surface 75 mm.  
Part No. **5014449**

## Diverse laboratory instruments

## COMECTA Pocket Balance "Pocket Scale"

### FEATURES

Capacity up to 200 g, measuring in g, oz and qty.  
Digital LCD display.  
Stabilization time ±3 seconds.  
Tare by subtraction to maximum weight.  
Piece counting function and automatic reset to zero.  
Automatic calibration, external.  
Batteries 3 x 1.5 V.  
Lid to cover the weighing pan and operation menu.

### MODEL

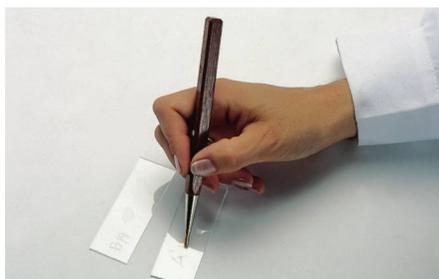
Part No.	Max. weight. capacity g	Precision ±g	Height / Width / Depth (exterior) mm	Width / Depth (plate) mm	Weight Kg
<b>5830024</b>	200	0.1	24 74 120	74 71	0.13

Comes with protective cover.





## Several Instruments



### DIAMOND POINT PENCIL

For glass engraving.  
Part No. **1001130**



### TUNGSTEN SCRIBE

For glass engraving, slides, ceramics, plastic etc.  
Retractable tip and pocket clip.  
Part No. **1001674**



### GLASS TUBE CUTTER

For tubes with diameters up to 30 mm.  
Part No. **1000016**



### CORK PRESS

Model Crocodile shape.  
Part No. **6000070**



### LABORATORY VIBRO-ENGRAVER SIGNOGRAPH-COM 25 DIAMOND

For engraving all types of glass, metal, plastic material,  
ceramic etc. Mains voltage 220-230 V. 50Hz. Power  
consumption: 25 W. Comes complete with a set of 5 en-  
graving tips: Diamond, carbide, tempered steel and two  
for decorative work.  
Part No. **1001129**



### WATER JET VACUUM PUMPS

Part No.	Material	Pressure	Pump rate	Aspiration
<b>4000633</b>	PVC	2 Kg	8 l/min	2.6 l/min
<b>7000293</b>	Metal	2 Kg	5 l/min	1 l/min
<b>7000292</b>	Metal	2 Kg	5 l/min	0.5 l/min



### BLOW PIPE

Student model.  
Total length: 250 mm.  
Part No. **1000595**

### MORTARS WITH PESTLE

Made of grey steel. Only suitable for dry products.  
Part No.    Ø Usable    Height  
**1004713**    130 mm    65 mm  
**1004715**    150 mm    75 mm



### CORK BORER SHARPENER

With a wooden handle, blade of tempered steel.  
Part No. **7000004**

### CORK BORER

Electrobrite finish.  
Universal handle.  
Part No.

**7000846** 6 bores.  
**7000848** 8 bores.  
**7008412** 12 bores.

Electrobrite finish.  
Individual handle.  
Part No.

**7000856** 6 bores.  
**7000858** 8 bores.  
**7008512** 12 bores.



### MINI CORK BORER

**1001332** 6 bores: 4, 4.9, 5.5, 6.4, 8 and 9.5 mm Ø.



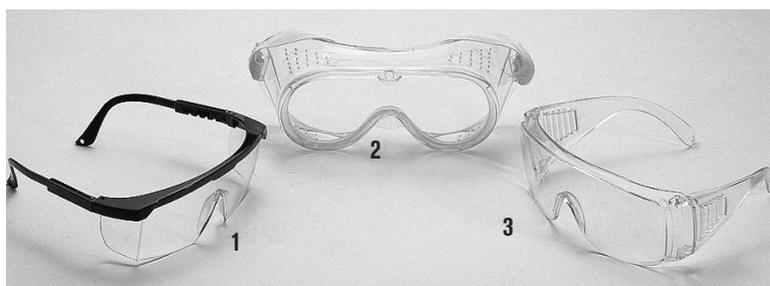
### PIPETTE FILLER, RUBBER BULB.

With three glass ball valves for filling, fine adjustment and  
empty. Accepts pipettes from 6 to 10 mm Ø.  
Part No. **1001733**



### RICHARDSON RUBBER BULB

With net covered decompression bulb.  
For blowing out bench top automatic burettes.  
Part No. **1001168**



**1. SPECTACLES “IVYMEN 1000”**

Ideal for general laboratory use.  
 Conforms to: DIN 4646-47 and DIN 58211.  
 Safety Spectacles of one single lightweight lens, comfortable protection.  
 With a wide panorama of 180°. Adjustable legs: length and angle.  
 Removable frame for easy cleaning. Style: Sporty.  
 Part No. **5028195**

**2. GOGGLES FLEXIBLE “IVYMEN 3000”**

Ideal for general laboratory use.  
 Conforms to: EN-166.  
 Panoramic view. Prescription spectacles can be used underneath the goggles.  
 Made from transparent flexible plastic that moulds to the face. Held on by an stretch band. Indirect vents at the side prevent misting.  
 Part No. **5028196**

**3. SPECTACLES “IVYMEN 2000”**

Ideal for general laboratory use.  
 Conforms to: DIN 4646-47 and DIN 58211  
 Safety spectacles of one single lightweight anti scratch lens. Perceptual panoramic vision of 180°. Can be use over normal prescription spectacles.  
 Indirect vents at the side of the legs prevent misting.  
 Part No. **5028193**

**GLOVES ANTI-ACID “SOLVEX-PLUS”**

Conforms to CE standards.  
 Effective protection against chemical products and solvents, manufactured with a thick coating of strong durable Nitrile.  
 Flexible with anti bacterial and fungal protection for hygiene and against skin irritations.  
 Length 32 cm. Universal fit.  
 Part No. **5000044**



**GLOVE HAND PROTECTOR AGAINST HEAT AND SPILLS**

Adaptable silicon glove.  
 Part No. **1001255**



**GLOVES THERMAL “KEVLAR 400”**

Conforms to: EN-388 and EN407  
 These gloves can withstand temperatures up to 400 °C.  
 Manufactured from Kevlar terry knit, seamless, with double face fibres, ambidextrous fit, high level of protection against heat and flame. Length 25 cm, universal fit.  
 Part No. **5000041**



**APRON ANTI-ACID “DELNEO 125”**

Conforms to: EN 342 and EN 511 standards.  
 For effective protection against chemicals and solvents, made from high resistant Neoprene.  
 Part No. **5000045**



**GLOVES THERMAL “KEVLAR 800”**

Conforms to EN 388 and EN407 standards.  
 For use with temperatures up to 800 °C, Made from terry knit, seamless, with double face fibres, high level of protection against heat and flame. Length 36 cm, universal fit.  
 Part No. **5000042**



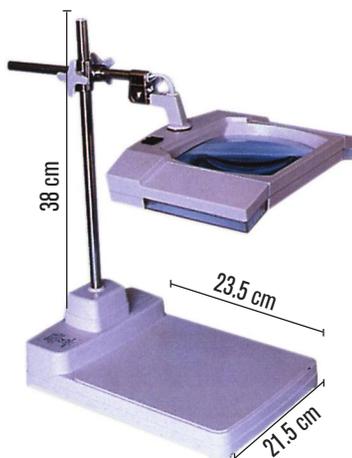
**PROTECTIVE MASK “P3-SL”**

Conforms to DIN-EN 149:2001 standards.  
 High range auto-filtering mask, for particles, dust, mists and smoke use. Made of cellulose and with a filtration valve.  
 Part. No **5000046**



**TABLE TOP MAGNIFIERS WITH ILLUMINATION**

Magnifiers with high quality lenses and double lateral illumination, plastic body.



Extendable and height adjustable angle poise, 89 cm made from epoxy coated metal.

Lens size cm	Magnification	Power	Weight Kg
15 height x 19 width	3 x	2 x 9 W	3.5

Part No. **5310500**

With support base, large base with adjustable height and orientation.

Lens size cm	Magnification	Power	Weight Kg
16 height x 19 width	3 x	2 x 7 W	2.3

Part No. **5310506**



**VERNIER CALLIPERS WITH DIGITAL DISPLAY DIN 862**

5 digits display.  
AISI 304 Stainless steel with double measuring scale.  
Reproducibility: 0.01 mm or 0.0005 inches  
1.5 V battery power.  
Battery life: 1 year of continuous use.  
Comes complete with wooden case.

Part No. **5900601** Measuring range: 0 - 150 mm or 0 - 6".  
Part No. **5900603** Measuring range: 0 - 300 mm or 0 - 12".



**BIFOCAL AND MONOFOCAL "MAGNIFIER"**

**Magnifying glass bifocal "Magnifier"**

Completely made of high impact plastic.

Part No.	Ø Lens	Magnification	Bifocal
<b>5310501</b>	65 mm	3 x	5 x
<b>5310502</b>	90 mm	2 x	5 x

**Magnifying glass monofocal "Magnifier"**

Lens made of high quality ground crystal.

Rim made from chromed steel with plastic handle.

Part No.	Ø Lens	Magnification
<b>5310503</b>	50 mm	2 x
<b>5310504</b>	75 mm	2 x
<b>5310505</b>	100 mm	2 x



**PALMER MICROMETER WITH DIGITAL DISPLAY DIN 862**

5 digits.  
Measuring range: 0-25 mm or 0-1 inch. Resolution: 0.001 mm or 0.0001 inches.  
Precision: 0.002 mm. 1.5 V battery power.  
Battery life: 1 year of continuous use.  
Comes complete with wooden case.  
Part No. **5900602**



**AUXILIARY TABLES HEIGHT ADJUSTABLE FOR LABORATORY**

Cabinet in a corrosive resistant epoxy coated.  
Supplied with 4 lockable wheels for an easy transportation and 4 suction cups for a static clamping.  
Specially designed to support different laboratory instruments (Ovens, furnaces, centrifuges, etc...)  
5 adjustable heights: 72, 75, 78, 81 or 84 cm.

Part No.	Measurements cm	Load Capacity Kg	Weight Kg
<b>1001781</b>	75 width x 60 depth	120	25
<b>1001780</b>	100 width x 70 depth	150	29



### MEASURING RANGE

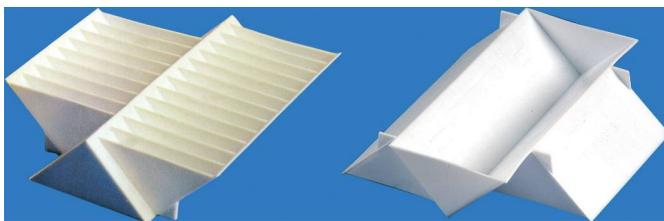
Made of polypropylene with silicon joints, for volumes up to 25 ml. Precise and safe, ergonomic design that allows filling and emptying without having to change the setting. Flexible thermoplastic seal against any type of burette. A button on the side empties the burette automatically. Easily dismantled and cleaned.

Part No.	Capacity	Identification colour
1001131	0 to 2 ml	Blue
1001132	0 to 10 ml	Green
1001133	0 to 25 ml	Red



### PIPETTE RACK "COM-PIP"

Made from AISI 304 stainless steel. Capacity 6 pipettes of differing sizes. Part No. 1001702



### REVERSIBLE POLYPROPYLENE UNIVERSAL TRAY

Suitable for 8 and 12 channel micro-pipettes, 5 ml capacity per channel or 1 single capacity of 50 ml, graduated at 10-25-40 and 50 ml.

Part No. 5310102



### BRUSHES "COMCEP"

Made with natural bristles. Applications:

- 1 - Pipettes and capillaries of 3 to 5 mm Ø. (Brush)
- 2 - Graduated pipettes and tubes from 5 to 10 mm Ø. (Brush)
- 3 - Haemolysis tubes 8 to 10 mm Ø. (Brush)
- 4 - Test tubes and graduated flasks of 10 to 16 mm Ø. (Brush)
- 5 - Burettes of 25 to 50 ml and tubes of 15 to 20 mm Ø. (Brush).
- 6 - Cylinders, flasks and test tubes etc. from 20 to 32 mm Ø. (Fan Brush).
- 7 - Erlenmeyer flasks, test tubes, flasks etc. from 25 to 45 mm Ø. (Fan Brush).
- 8 - Flasks, Erlenmeyer flasks and test tubes etc. 35 to 80 mm Ø. (Fan Brush).
- 9 - Beakers cylinders and Erlenmeyers etc. from 50 to 100 mm Ø. (Brush).
- 10 - Test tubes of 16 to 25 mm Ø. (Brush).
- 11 - Test tubes of 16 to 25 mm Ø. (Fan Brush).
- 12 - Flasks, round bottom flasks of 0 to 100 mm Ø.
- 13 - Beakers of 50 to 250 mm Ø. (brush with handle).

Part No.	Style	Bristle mm Ø	length mm	Length total mm	Bristle type
1001143	1	4	90	400	Goat hair
1001144	2	10	100	700	Goat hair
1001145	3	10	90	240	Pig bristle
1001146	4	15	100	320	Pig bristle
1001147	5	25	100	700	Pig bristle
1001148	6	30	100	300	Pig bristle
1001149	7	35	100	440	Pig bristle
1001150	8	55	100	440	Horse hair
1001151	9	80	130	700	Horse hair
1001333	10	25	130	350	Pig bristle
1001334	11	25	100	320	Pig bristle
1001335	12	110	450	450	Nylon
1001336	13	40	250	400	Nylon



### POLYCARBONATE CONICAL FLASKS

**DURABLE,  
CAPACITY 250 ml**

Rigid, transparent, autoclavable, unbreakable, reusable.

Density: 1.20 g/ml.

Temperature resistance from -135 °C to +135 °C.

Excellent chemical resistance including acids. Exceptions chemical that attack

polycarbonate. Two models with or without screw-top, PP caps included.

Part No.	Capacity ml	PP cap	Specific weight
5310100	250	Not	1.2
5310101	250	Yes	1.2

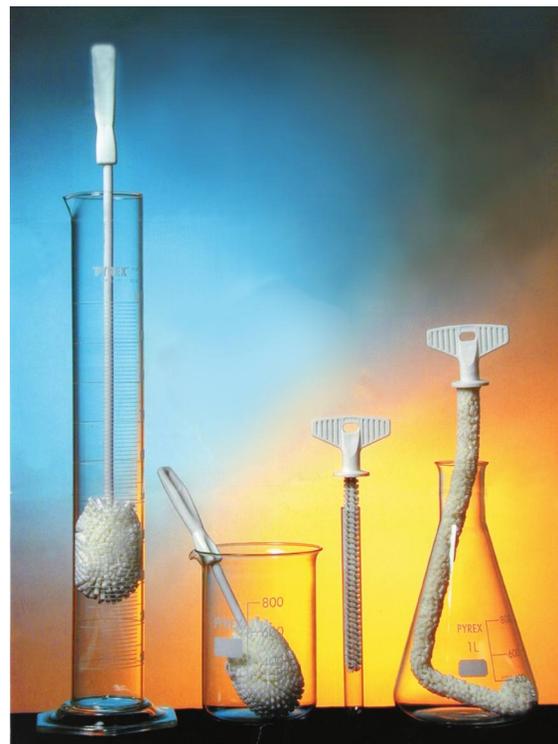
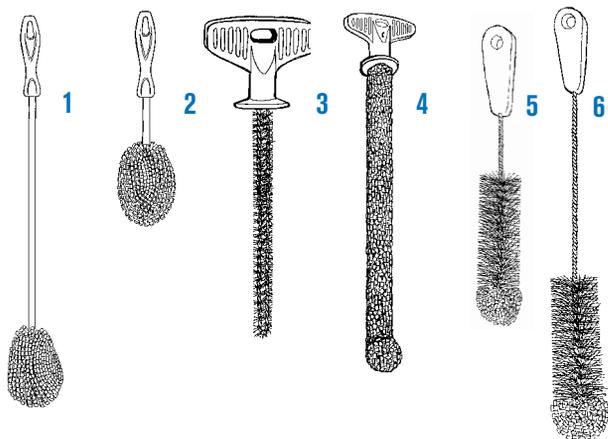


## Laboratory sponges and fiber scrubbers

### Features

Designed specially for cleaning plastic and glass items.

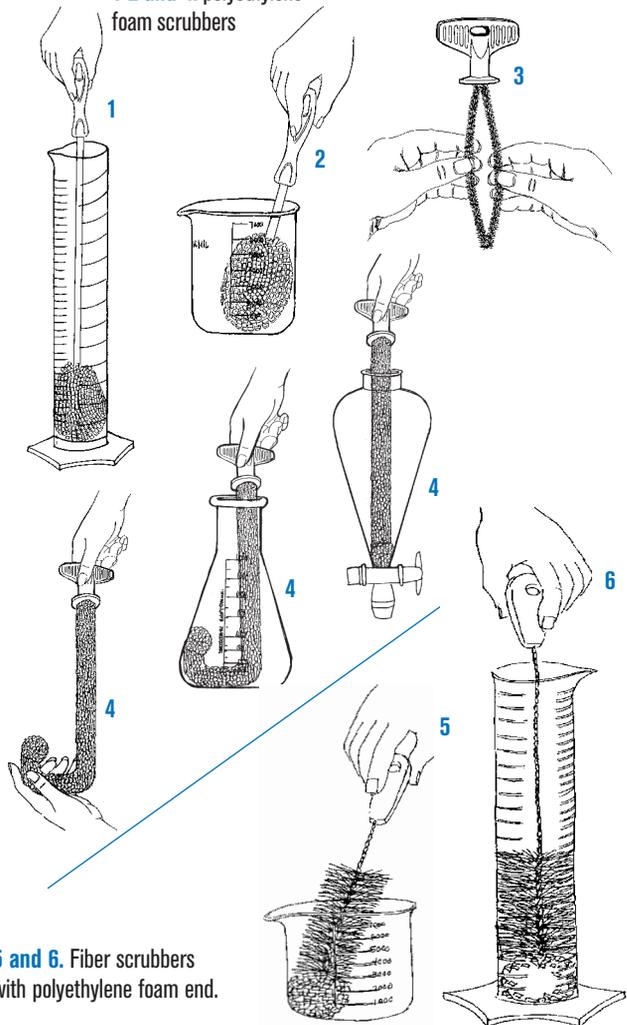
Made from polyethylene foam that is durable and long lasting (20 times more than a sponge or brush.) Do not absorb water, easily cleaned with hot or cold water.



### Examples of sponge uses

1 2 and 4. polyethylene foam scrubbers

3. Fiber scrubber



5 and 6. Fiber scrubbers with polyethylene foam end.

### Models

1. Used for all types of tubes and cylinders such as: test tubes distillation tubes, thermal flasks, cryogenic vessels, measuring cylinders etc.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
1	1001435	70	100	480

2. Used for cleaning short vessels such as: jars, beakers, etc.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
2	1001436	70	100	250

3. Scrubber suitable for all types of assay tube up to 25 mm Ø. Adjustable width.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
3	1001437	22	170	220

4. Suitable for all types of tubes and vessels including Conical flasks, etc. Very flexible, can be used in vessels with small necks, such as separating funnels, by simply pressing down the scrubber that is sufficiently flexible to take the internal shape and also be easily extracted.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
4	1001438	20	380	440

5. Fiber scrubber with brush polyethylene at the end, suitable for cleaning flasks, culture jars and vessels in general.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
5	1001439	50	140	300

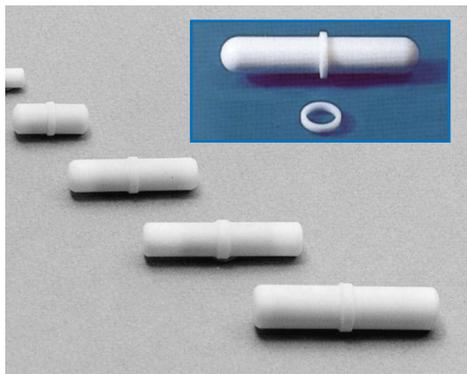
6. Fiber scrubber with brush polyethylene at the end, suitable for any kind of vessels cleaning, test-tubes, culture jars and flasks in general.

N°	Part No.	Sponge width mm	Sponge length mm	Total length mm
6	1001440	50	180	500



## Stirrer bars and propellers

TO CHOOSE THE CORRECT STIRRER BAR: THE LENGTH SHOULD BE APPROX. 2/3 OF THE DIAMETER OF THE VESSEL BEING USED.



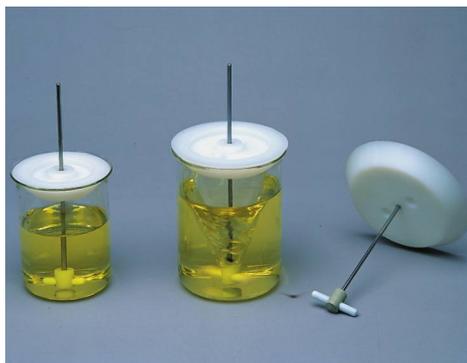
### STIR-BARS FOLLOWERS FOR MAGNETIC STIRRERS.

Encased in PTFE with pivot ring, temperature resistant to +275 °C.

Part No.

<b>1000009</b>	6 Ø x 10 mm long	without pivot ring.
<b>1000012</b>	4 Ø x 12 mm long	without pivot ring.
<b>1000019</b>	7 Ø x 20 mm long	with pivot ring.
<b>1000032</b>	8 Ø x 32 mm long	with pivot ring.
<b>1000039</b>	8 Ø x 40 mm long	with pivot ring.
<b>1000045</b>	10 Ø x 45 mm long	with pivot ring.
<b>1001061*</b>	12 Ø x 75 mm long	with pivot ring.
<b>1001062*</b>	16 Ø x 102 mm long	with pivot ring.
<b>1001063*</b>	16 Ø x 127 mm long	with pivot ring.
<b>1001064*</b>	19 Ø x 150 mm long	with pivot ring.

\* With pivot ring for large volumes.



### CONCENTRIC STIR-BAR WITH BEAKER COVER "CENTRIMAN"

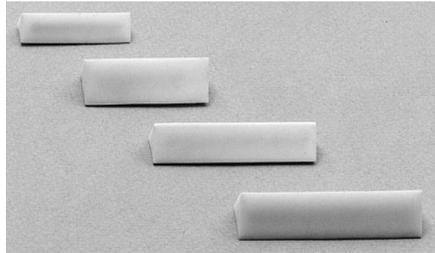
Encased in PTFE with an adjustable axis bar made of AISI 304 stainless steel. Suitable for applications with volumes of 100 to 2000 ml.

Soft start stirring and adjustable height prevents the stir-bar jumping inside the vessel.

Conical fitting lid of polypropylene with excellent chemical and thermal properties that resists temperatures up to 160 °C. The lid has an auto-lubricating central axis hole with two lateral air displacement holes.

Part No.

<b>1000900</b>	Concentric stir-bar with conical fitting lid for beakers volumes of 100 ml to 500 ml. Length 32 mm.
<b>1000901</b>	Beaker capacities of 500 ml up to 1000 ml. Stir-bar length 50 mm.
<b>1000902</b>	Beaker volumes of 1000 ml up to 2000 ml. Stir-bar length 55 mm.

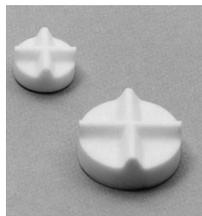


### TRIANGULAR STIR-BAR "TRIMAG"

Encased in heat resistant PTFE of temperatures up to 275 °C. useful for "dissolving solids" and stirring silts. Liquids flow upwards as well as sideways. Quiet with excellent stability. Suitable for flat bottomed vessels.

Part No.

<b>1000536</b>	9 side x 35 mm long.
<b>1000538</b>	12 side x 50 mm long.
<b>1000537</b>	14 side x 40 mm long.
<b>1000539</b>	14 side x 55 mm long.



### STARHEAD STIR BAR

Circular, encased in heat resistant PTFE for temperatures up to 275 °C. Useful for tubes, matrix flasks and round bottom vessels.

Part No.

<b>1000790</b>	25 Ø x 15 mm high.
<b>1000791</b>	40 Ø x 17 mm high.



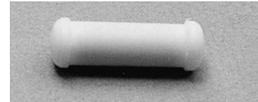
### BOX OF 17 ASSORTED STIR BARS

Box with 17 assorted stir-bars encased in temperature resistant PTFE for temperatures up to 275 °C.

Contents:

1 stir-bar with pivot ring 6x10 mm.
1 stir-bar with pivot ring 4 x12 mm.
1 stir-bar with pivot ring 7x20 mm.
2 stir-bars with pivot ring 8x32 mm.
2 stir-bars with pivot ring 8x40 mm.
2 stir-bars with pivot ring 10x45 mm.
1 triangular stir-bar of 9x35 mm.
1 triangular stir-bar of 14x40 mm.
1 triangular stir-bar of 12x50 mm.
1 triangular stir-bar of 14x55 mm.
1 stir-bar Rotor-Pat of 11x35 mm.
1 oval stir-bar of 16x30 mm.
1 oval stir-bar of 20x40 mm.
1 star head stir-bar of 20x15 mm.
1 star head stir-bar of 40x17 mm.

Part No. **1000487**



### STIR BAR "ROTOR-PAT"

Encased in PTFE useable up to temperatures of 275 °C.

Excellent stability with strong vortexing turbulence, useful for round bottom or convex bottom flasks.

Part No.

**1000001** 10 Ø max. x 32 mm long.



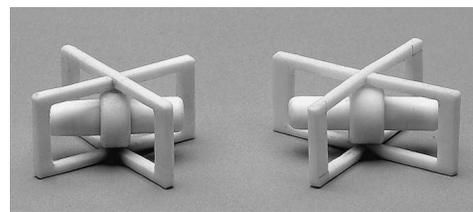
### OVAL STIR-BARS

Encased in PTFE for temperatures up to 275 °C. Can be used in all types of vessel and recommen-

ded for round bottom flasks.

Part No.

<b>1000788</b>	16 Ø x 30 mm long.
<b>1000789</b>	20 Ø x 40 mm long.



### FLOATING MAGNETIC STIR-BAR "IMANFLOTOR"

Encased completely in PTFE. Dismountable structure, auto-clavable. Designed specifically for low constant speed stirring. Recommended for tissue culture applications.

The floating conception of the Imanfoter minimises the grinding effect of cell damage as there is no friction on the bottom of the flask.

Medium speed levels prevent the IMANFLOTOR from jumping within the vessel.

Part No.	Total length	Stir bar length
<b>1000897</b>	50 mm.	39 mm.
<b>1000898</b>	60 mm.	45 mm.



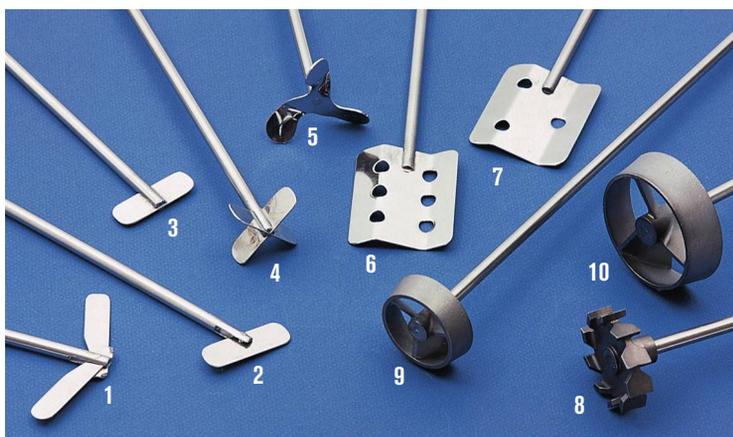
### STIR-BAR RETRIEVER

Flexible, encased in PTFE.

Part No.

**1000020** Length: 280 mm.

## OVERHEAD STIRRER ACCESSORIES "RZR"



### STIRRING SHAFTS WITH ROTORS

Shaft with AISI 304 stainless steel rotor. Shaft: 7 mm Ø.

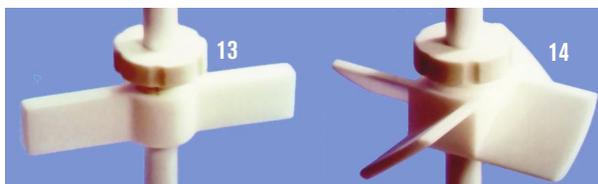
Part No.	Rotor type	Ø shaft mm	Total length mm	Features
6002891	1	90	400	Double fly vane
6002892	2	60	400	Fly vane
6002893	3	50	400	Fixed blade
6002894	4	50	400	Double cross vane
6002895	5	58	400	Helix
6002896	6	70	450	Six hole paddle
6002897	7	70	450	Three hole paddle
5050921	8	46	400	Radial turbine
5050932	9	45	400	Turbo helix 45 mm Ø
5050933	10	66	400	Turbo helix 66 mm Ø



### SHAFTS WITH PTFE PADDLES

Shaft of 8 mm Ø.

Part No.	Rotor type	Ø shaft mm	Total Length mm	Features	Speed range r.p.m.
5050934	11	50	500	Helix PTFE	500
5050935	12	80	500	Anchor PTFE	500



### ADJUSTABLE HEIGHT SHAFT STIRRERS

Shafts made of AISI 304 stainless steel coated in PTFE and PTFE stirrer paddles. Shaft: 7 mm Ø. Adjustable height paddles using a locking thread.

Can be used with differing paddles on the same shaft to create a multiple mixing action.

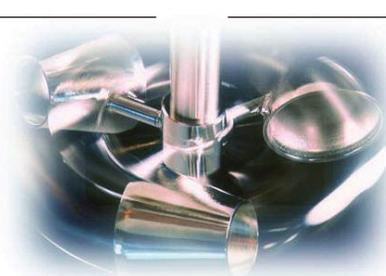
Part No.	Rotor type	Ø shaft mm	Total Length mm	Features
5050936	13	70	400	Shaft PTFE
5050937	14	40	400	Helix PTFE
5050938	Shaft PTFE Spare or additional paddle for multiple stir effect			
5050939	Helix PTFE Spare or additional paddle for multiple stir effect			



### SHAFTS WITH ROTORS VISCO-JET®

- Shafts with rotors made from AISI 316Cb stainless steel. Shaft: 10 mm Ø.
- Shaft made from AISI 316Cb stainless steel with POM plastic rotor. Shaft: 10 mm Ø.

Part No.	Rotor type	Ø shaft mm	Total Length mm	Features	Speed range r.p.m.
5050950	15-S	60	500	Doble cone-S Stainless	200 - 800
5050951	16-M	80	500	Triple cone-M Stainless	200 - 700
5050952	17-M	80	500	Triple cone-M Plastic	200 - 700
5050953	18-L	120	500	Triple cone-L Stainless	120 - 500
5050954	19-L	120	500	Triple cone-L Plastic	120 - 500



### VISCO-JET®

A suitable system for all types of stirring.

**Dynamic stirring with turbulent flow on vessel walls and bottom.**

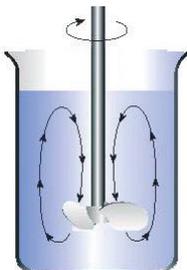
Homogenised liquids and fluids of low viscosity.

The fluid is aspirated by the widest part of the cone and is expelled by acceleration from the smaller Ø, creating in the middle a turbulent effect; prevents the formation of foam, clots, aeration and heating up of the sample, degasses the medium being stirred.

Reduces the vortex formed, for short stir periods.

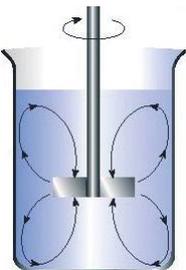
Graphic effect of the incident fluid flow using differing paddle forms: paddle, helix, turbine and conical Visco-Jet®

Rotor Type  
5  
9  
10  
11  
14



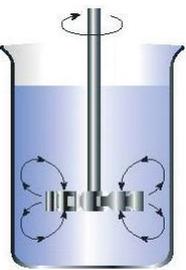
**Axial flow**, diagram showing the agitation flow. Representative of rotors with blades angles of 90° in relation to the stirring axis. (Rotor type; Helix).

Rotor Type  
1  
2  
3  
4  
6  
7  
12  
13



**Radial flow**, diagram showing the agitation within the liquid medium. Representative of rotors such as paddles and anchors that run parallel to the stirring axis

Rotor Type  
8



**Radial flow**, diagram showing the agitation within the liquid. Representative of radial turbine rotors that run parallel to the stirring axis.

Rotor Type  
Visco-Jet®  
15  
16  
17  
18  
19



**Dynamic radial flow**, diagram showing the principal of agitation through a cone within the liquid. Representative of the Visco-Jet®. Rotors. Excellent results for minimum power consumption.



## Sterile stoppers



### Features

Designed for microbiology and cell culture applications.  
 Made from very flexible cellulose, tapered to fit most sizes of: Erlenmeyer, matrix flasks and tubes.  
 Sterile to 200 °C.  
 Permeable to air.  
 Transpirable.  
 Hermetically adjustable by pressing on the top of the glass vessel.

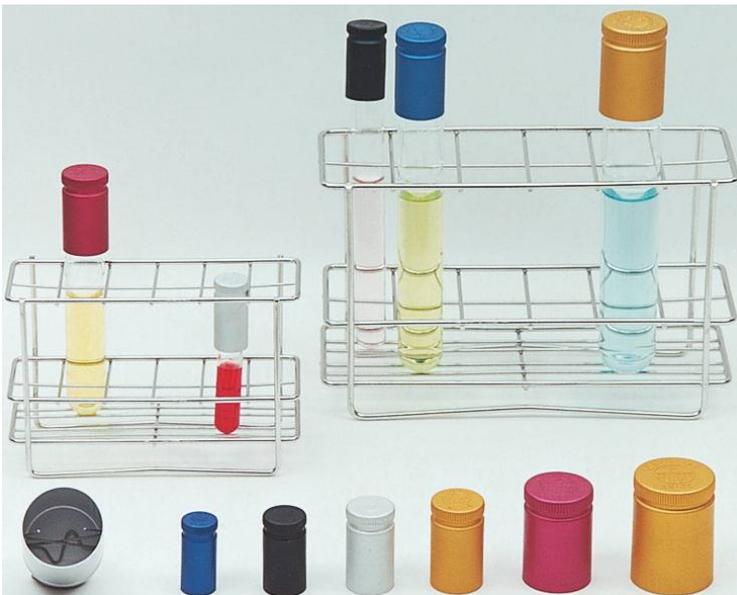
### RANGE OF SIZES

For Ø of 9 to 11.5 mm. Part No. **1001478**  
 For Ø of 12.5 to 14.5 mm. Part No. **1001479**  
 For Ø of 13.5 to 15.5 mm. Part No. **1001480**  
 For Ø of 17.5 to 18.5 mm. Part No. **1001481**  
 For Ø of 18 to 22 mm. Part No. **1001482**  
 For Ø of 25 to 27 mm. Part No. **1001483**  
 For Ø of 28 to 31 mm. Part No. **1001484**  
 For Ø of 31 to 35 mm. Part No. **1001485**  
 For Ø of 36 to 42 mm. Part No. **1001486**  
 For Ø of 44 to 48 mm. Part No. **1001487**



## Caps for biological culture tubes “Sero-Tap”

Made of anodised aluminium with internal AISI 304 stainless steel spring inside the cap.  
 Not hermetically sealed. Autoclavable at 1 bar.



Made of anodised aluminium with internal AISI 304 stainless steel spring inside the cap. Not hermetically sealed. Autoclavable at 1 bar.

Part No.	<b>For tubes</b>	Part No.	<b>For tubes</b>
	<b>Ø 12 - 13 mm</b>		<b>Ø 19 - 20 mm</b>
<b>1012131</b>	Colour Blue	<b>1019201</b>	Colour Blue
<b>1012132</b>	Colour Silver	<b>1019202</b>	Colour Silver
<b>1012133</b>	Colour Gold	<b>1019203</b>	Colour Gold
<b>1012134</b>	Colour Garnet	<b>1019204</b>	Colour Garnet
<b>1012135</b>	Colour Black	<b>1019205</b>	Colour Black
Part No.	<b>For tubes</b>	Part No.	<b>For tubes</b>
	<b>Ø 15 - 16 mm</b>		<b>Ø 24 - 26 mm</b>
<b>1015161</b>	Colour Blue	<b>1024261</b>	Colour Blue
<b>1015162</b>	Colour Silver	<b>1024262</b>	Colour Silver
<b>1015163</b>	Colour Gold	<b>1024263</b>	Colour Gold
<b>1015164</b>	Colour Garnet	<b>1024264</b>	Colour Garnet
<b>1015165</b>	Colour Black	<b>1024265</b>	Colour Black
Part No.	<b>For tubes</b>	Part No.	<b>For tubes</b>
	<b>Ø 17 - 18 mm</b>		<b>Ø 28 - 30 mm</b>
<b>1017181</b>	Colour Blue	<b>1028301</b>	Colour Blue
<b>1017182</b>	Colour Silver	<b>1028302</b>	Colour Silver
<b>1017183</b>	Colour Gold	<b>1028303</b>	Colour Gold
<b>1017184</b>	Colour Garnet	<b>1028304</b>	Colour Garnet
<b>1017185</b>	Colour Black	<b>1028305</b>	Colour Black



INTERIOR HOLDING CLIP.



**POLYPROPYLENE TOPS FOR CULTURE TUBES “BACTI-CAPS”**

General features:  
 Adaptable to the tubes by three flexible internal flaps that hold onto the edge of the tube, not a hermetic seal, for minimal sample evaporation.  
 Highly resistant to culture media, acids, alkalis, alcohol and ether.  
 Easy to clean, can be sterilized at 121 °C (1 atm, vapour pressure).  
 Not suitable for dry sterilization.  
 Come in 5 colours:  
 YELLOW, BLUE, WHITE, RED and GREEN.

Part No.	For tube Ø 12 - 13 mm	Part No.	For tube Ø 15 - 16 mm	Part No.	For tube Ø 18 - 19 mm	Part No.	For tube Ø 24 - 25 mm	Part No.	For tube Ø 37 - 38 mm
5726013	Yellow Colour	5726016	Yellow Colour	5726019	Yellow Colour	5726025	Yellow Colour	5726238	White Colour
5726113	Blue Colour	5726116	Blue Colour	5726119	Blue Colour	5726125	Blue Colour	Boxes of 25 units	
5726213	White Colour	5726216	White Colour	5726219	White Colour	5726225	White Colour		
5726413	Red Colour	5726416	Red Colour	5726419	Red Colour	5726425	Red Colour		
5726513	Green Colour	5726516	Green Colour	5726519	Green Colour	5726525	Green Colour		

Packet of 100 units.



**WEIGHING BOATS “ACCU-WEIGH”**

Anti-static, Suitable for weighing with reproducible tare weight.  
 Free from contaminants, Wide range of sizes.



General features:  
 Made from high impact polystyrene with a flat base, round edge, smooth surface, contamination free and hydrophilic.  
 Flexible and easy to manipulate, suitable for liquids and solids.  
 Supplied in two forms:  
 - Diamond, black or white colours.  
 - Rectangular, white colour.

Part No.	Shape	Capacity ml	External dimensions mm			Weight g	Colour	Quantity
			Height	Width	Depth			
5726004	Diamond	5	3.8	31	54	0.25	White	100 units
5726005	Diamond	5	3.8	31	54	0.25	Black	100 units
5726006	Diamond	30	13.5	55	85	1.00	White	100 units
5726007	Diamond	30	13.5	55	85	1.00	Black	100 units
5726008	Diamond	100	20	92	132	2.6	White	100 units
5726009	Diamond	100	20	92	132	2.6	Black	100 units
5726010	Rectangular	7	8.5	44	44	0.65	White	100 units
5726011	Rectangular	100	24	80	80	2.2	White	100 units
5726012	Rectangular	250	24	134	134	6.1	White	100 units



**ALUMINIUM DISHES**

Pressed with crenulated edge.  
 No static.  
 Withstands temperatures up to 450 °C.  
 Can be used as a lid by mounting one on top of another.  
 Ideal for sample testing of solids, humidity, mixtures of emulsions and moisture determinations by weight loss.  
 Suitable use as a weighing boat, cooling or evaporation of samples.  
 Single use and disposable.

Part No.	Thickness mm	Height / Ø (usable) mm		Quantity
5726000	0,2	5	42	packet of 112 units
5726001	0,2	10	57	packet of 110 units

## COMECTA Graduated jars

NEW

### FEATURES

Graduated and stackable jars. Made of natural colour transparent polypropylene. Graduation in liters and ml. Resistant to chemical products as well as high temperatures (121 °C for 20 minutes)

### MODELS

Part No.	Capacity ml
8000028	500
8000025	1000
8000026	2000
8000027	3000



## COMECTA Frasco lavador

NEW

### FEATURES

Bottles made of translucent polyethylene of natural colour, with lid and outlet tube of different colours to choose. Wide neck for an easy filling. Capacity of 500ml and numerical graduation every 100ml.

### MODELS

Part No.	Colour	Capacity ml
5113640	Neutral	500
5113644	Red	500
5113646	Blue	500
5113641	Yellow	500

10 units are supplied.



## Self-sealing parafilm® M



PARAFILM®  
Dispenser



### APPLICATIONS

Parafilm® M, is ideal for laboratories because it is a thermoplastic, self-sealing film that enables to cling even to irregular surfaces, culture tubes, flasks, Erlenmeyers, bottles, Petri capsules and any kind of recipients with an adequate sealing, protected against moisture loss, spillage, pollution or evaporation.

### FEATURES

Parafilm® M, is a translucent waxy polyethylene film of 127µm width which slowly stretches to about three or four times its original length.

### PROPERTIES

It is resistant to acids, gases and alkaline solutions as well as methanol and many common reagents. It resists operating temperatures from -45 °C to 50°C. It can be sterilized by using radiation techniques as hydrogen peroxide.

### MODELS

Part No.	Roll width mm.	Roll length m.
1012201	50	75
1012202	100	38
1012203	100	75

### ACCESSORIES

**Parafilm dispenser®** made of blue ABS plastic for 50 and 100 mm. width Parafilm® rolls, with built-in cutter  
Capacity: One or two 50 mm. rolls or one 100 mm. roll.  
Part No: **1012200**

# COMECTA Porcelain

GLAZED PORCELAIN, RESISTANT TO THERMAL SHOCK UP TO 1050 °C.  
 BETTER CHEMICAL AND ACID RESISTANCE COMPARED TO GLASS.  
 INCOMPATIBLE WITH HYDROFLUORIC ACID AND ALKALI SALTS.



### GLAZED PORCELAIN TRAYS

Part No.	Height mm	Length mm	Base length mm	Width mm	Base width mm
5310001	15	50	42	28	17
5310002	15	60	52	30	20
5310003	18	87	80	60	50
5310004	18	120	110	60	45



### GLAZED PORCELAIN EVAPORATION BASINS, ROUND BOTTOM WITH SPOUT

Part No.	Capacity ml	Length mm	Ø exterior mm
5310005	35	25	60
5310006	60	30	74
5310007	100	35	90
5310008	300	52	126
5310009	500	58	168



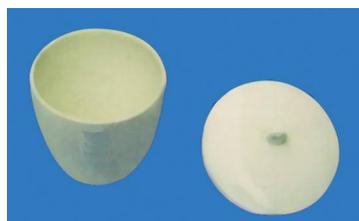
### FLAT BOTTOM CRUCIBLE WITH HANDLE AND SPOUT

Part No.	Capacity ml	Height mm	Ø Top mm	Ø Bottom mm
5310010	50	34	60	36
5310011	100	45	80	52
5310012	200	52	96	56
5310013	300	62	110	66
5310014	500	70	132	80



### SPATULA SPOON GLAZED

Part No.	Total Length mm
5310022	140



### CRUCIBLES MEDIUM HEIGHT WITH GLAZED LIDS

Part No.	Capacity ml	Height mm	Ø Bottom mm	Ø Top mm
5310015	15	30	21	35
5310016	25	36	23	40
5310017	50	46	30	53
5310018	100	57	34	63



### CRUCIBLES, LOW FORM WITH LIDS, GLAZED

Part No.	Capacity ml	Height mm	Ø Bottom mm	Ø Top mm
5310019	15	23	19	43
5310020	25	27	24	47
5310021	50	38	28	59



### MORTAR AND PESTLE, WITH SPOUT, UNGLAZED INTERIOR AND PESTLE

Part No.	Capacity ml	Length mm	Ø Bottom mm	Ø superior mm	Handle length mm	Ø Pestle mm
5310023	100	45	60	100	110	30
5310024	300	62	80	130	140	37
5310025	500	74	90	160	170	42
5310026	1000	90	114	216	200	48



### COMBUSTION BOATS, UNGLAZED

Part No.	Height mm	Width mm	Depth mm	Exterior length mm
5310027	10	15	9	95

### AGATE MORTAR AND PESTLE

Suitable for grinding and mixing, medium and hard substances.

Very resistant to abrasions and contamination.

Hardness: 7 Mohs scale.

Compression resistance: 110 Kg/mm<sup>2</sup>

Breaking resistance: 210 Kg/mm<sup>2</sup>

Mortar and pestle polished externally and internally.

Models Part No.	Capacity ml	Ø / Base (interior) mm	Dimensions (exterior) mm
5310029	15	45 11	60
5310030	30	65 16	80
5310031	70	80 24	100
5310032	140	100 30	120



### SPARES

Pestle Part No.	For Mortar Part No.	Handle length mm
5310033	5310029	77
5310034	5310030	95
5310035	5310031	100
5310036	5310032	130

### GREY IRON MORTAR WITH PESTLE

In grey iron.

Part No.	Ø usable mm	Height mm
1004713	130	65
1004715	150	75



## COMECTA Chairs for laboratory

NEW

### FEATURES

Chairs for laboratory with adjustable height of 60 to 80cm. Seat made of polyurethane foam. Available with or without wheels and in aluminium or chromed.

### MODELS

Part No.	Ø base cm	Made in	Wheels	Adaptable weight cm
5609601	40	Aluminium	Yes	60 to 80
5609602	40	Chromed	Yes	60 to 80
5609603	40	Aluminium	No	60 to 80
5609604	40	Chromed	No	60 to 80



## COMECTA Transport Refrigerator HJ-1

DESIGNED TO TRANSPORT AND PRESERVE LABORATORY BIOLOGICAL SAMPLES.

MEDICAL DIRECTIVE CERTIFICATE: CLASS 1-93/43 EEC

### FEATURES

Strap and handles for transportation.  
Opening on both sides.  
Supplied with 10 packs of cooling gel. Easy access by opening at the top. Extra aluminium insulation.  
Drainage.  
Integrated thermometer with LCD screen for reading the temperature.



### MODEL

Part No.	Height / Width / Depth Interior cm			Height / Width / Depth Exterior cm			Capacity litres without gel	Capacidad litres with gel	Weight without gel Kg	Weight with gel Kg
5601057	25	33	17	32	39	27	14	4,2	4,5	9,8

## COMECTA Sealer "305-C"



### FEATURES

Sealer for any type of thermo-plastic material up to 0.4 mm thickness.  
 Easy to use: Pressure and release.  
 Manual cutting by slip cutting edge.  
 Energy saving system by a micro-switch, activated only when the sealing arm is in place.  
 Heat impulse for only 0.2 to 1.3 seconds.  
 Time controll according to the thickness of plastics to be seal.  
 A LED and audible beep are activated when the seal is complete.



### MODEL

Part No.	Seal Width mm	Maximum seal length mm	Maximum plastic thickness mm	Seal time seconds	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>5800042</b>	5	300	0.4	of 0.2 to 1.3	19 48 8.2	1100	5.2

Supplied complete with 2 heaters, 2 PTFE heater covers and cutting blade.

**ADDITIONAL SPARES:** Maintenance kit 305-C: 2 heaters, 2 PTFE heater covers and cutting blade Part No. **5800044**

## COMECTA Sealer "455" HIGH THROUGHPUT SEALER.

### FEATURES

Ideal for large size samples.  
 Sealer for any type of thermo-plastic material up to 0.8 mm thickness.  
 Easy to use by pressing a foot pedal which enables to have the hands free in order to manipulate the bag.  
 Includes a platform of 45 cm wide x 12 cm depth to support the sample. This platform is adjustable in height up to 19.5 mm to adapt different volumes.  
 Energy saving system by a micro-switch, activated only when the sealing arm is in place.  
 Heat impulse for only 0.2 to 2.2 seconds.  
 Time controll according to the thickness of plastics to be seal.  
 A LED and audible beep are activated when the seal is complete.  
 Replaceable PTFE anti stick coated heaters.  
 The pressure of the pedal can be adjusted.  
 Includes a recoil mains cable at the back of the unit.  
 All metal robust construction.  
 Adjustable base level.



### MODEL

Part No.	Seal Width mm	Maximum seal length mm	Maximum plastic thickness mm	Seal time, seconds	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>5800047</b>	5	450	0.8	of 0.2 to 2.2	90 54 38	1000	29

Supplied complete with 2 heaters and a fuse.

**ADDITIONAL SPARES:** Maintenance kit 455: 2 heaters and fuse. Part No. **5800049**

## COMECTA Portable sealer "150-C"

### FEATURES

Plastic sealer, PE, PP and thermoplastic material such as cellophane, Aluminium covered paper and craft paper up to 0.6 mm thickness.  
 Easy to use pressure clamp.  
 Parallel seal for both sides of the bag.  
 Superior heaters covered in PTFE that produces a parallel hermetic seal.  
 Two temperature selection switch 120 °C and 180 °C



### MODEL

Part No.	Seal Width mm	Maximum seal length mm	Maximum plastic thickness mm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>5800038</b>	14	150	0.6	9 17 18	50	0.6



## Vacuum sealer "Sealcom-V"

OPTIMUM QUALITY SEAL AND PRESERVATION.  
SUITABLE FOR SEALING SOLIDS AND LIQUIDS.

### APPLICATIONS

Vacuum seal for any type of thermoplastic material: polyethylene, polypropylene, polyester, aluminium etc. Ideal for sealing solids, liquids, powders, granules, seeds, fruit, food, medical apparatus, forensics, chemical products, sludge samples, mud, cores, etc. Prevents the oxidation, mould and decomposition. Prolongs the quality, durability and freshness of items to be stored.

### FEATURES

Bench top. Stainless steel AISI 304 robust construction with transparent lid. Easy to use and program. After closing the door the complete process is automatic. Operates using a oil vacuum pump (type AV-30 or N32).

### CONTROL PANEL

Vacuum gauge with scale 0 to -0.1 Mpa.  
Sealer temperature adjustment, high, medium or low.  
Push button emergency stop.  
LED indicator of operation.  
Digital selection and display of the following parameters:  
- Vacuum time 0-99 seconds.  
- Seal time 0 to 9.9 seconds  
- Discharge time 0 to 9.9 seconds



MODEL	Part No.	Seal Width mm	Max. seal length mm	Pump rate m <sup>3</sup> /h	Vacuum limit Mpa	Height / Width / Depth (usable) cm	Height / Width / Depth o (exterior) cm	Power W	Weight Kg
SEALCOM-V	4100050	10	260	10	-0.1	5 28 39	36 35 52	370	35

Supplied with a maintenance kit that includes 2 heaters, 3 PTFE heater covers. 1 lid seal and a 250 ml bottle of oil.

### ADDITIONAL SPARES

Maintenance kit for Sealcom-V: 2 heaters, 3 PTFE heater covers. 1 lid seal. Part No. 4100051  
Vacuum pump oil: 1 litre bottle (Type AV-30). Part No. 4100052



## Bag sealer "S-400-B"

SUITABLE FOR POLYPROPYLENE-POLYESTER STERILIZING BAGS WITH A PAPER BASE.

### FEATURES

Metal epoxy covered case.  
Pressure sealer. Manual cut.

### CONTROL PANELS

Illuminated mains switch.  
Lamp "ON" when the thermostat has reached the pre-set working temperature.

### MODEL

Part No.	Seal Width mm	Maximum seal length mm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
4100047	12	300	12 35 21	100	4,8

### SEALING MACHINE ACCESSORIES

#### Rolls of paper for sterilisation "Polisteril"

Paper base polypropylene and polyester bags showing differing ink prints of sterilized items.

Part No.	Bag width cm	Bag length m
4100075	7,5	100
4100100	10	100
4100200	20	100



SEE A FULL RANGE OF BAG SEALERS FOR STERILIZATION AND ACCESSORIES ON PAGE 68 AND 69

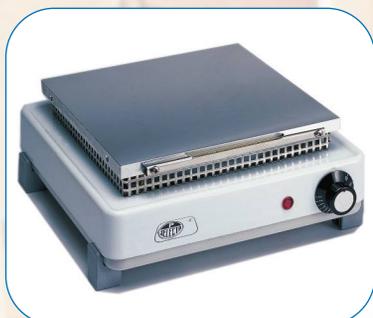
Automatic bag sealer  
"Seal-Com 2". Part No: 4100044



Bag sealer  
"Seal-1000". Part No: 4101712



# INSTRUMENTS FOR BIOLOGIE AND HISTOLOGIE



RECTANGULAR HOTPLATE "PLACFIN"



KOLLE MANDLES LOOPS  
Infrared sterilizers.



LABORATORY LIGHT



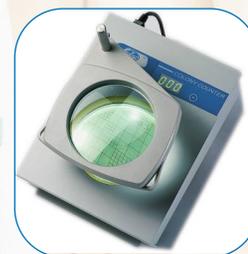
PIPETTE DISPENSERS AND  
AUTOMATIC DISPENSERS



PARAFFIN WAX FLOATING BATHS



BLOOD AND CELL COUNTERS



COLONY COUNTERS

**Instruments for dissection and slide boxes**

**Magnifier screen**

**Hand microtome**

**Wax dispenser and paraffin wax floating**

**Cooling plates and baths**

**Stackable anatomy - Histology**

**Dispensing pipettes**

**Digital counter for blood and colony counter**

**Ultraviolet sterilizer and westergren supports**

**pages 213 to 216**

**page 216**

**page 216**

**page 217**

**pages 217 to 219**

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**pages 220 to 222**

**pages 223 to 224**

**page 224**

*"Work is the law of life, and to reject it as boredom is to submit to it as torment."  
Victor Hugo*



### LABORATORY SCISSORS

Made of AISI 410 stainless steel.

#### 1 Scissors universal "Multi purpose" with a serrated/notched blade.

Suitable for cutting hard plastic, cardboard and soft wire etc.

Part No. **1001468** Cut length 50 mm. Total length 180 mm.

#### 2 Large laboratory scissors.

Part No. **1001469** Cut length 100 mm. Total length 250 mm.

#### 3 Multipurpose straight scissors, general use and bandages.

Part No. **1001470** Cut length 50 mm. Total length 140 mm.

#### 4 Multipurpose scissors, general use and bandages.

Part No. **1000806** Cut length 40 mm. Total length 145 mm.

#### 5 Dissection scissors.

Part No. **1000807** Cut length 35 mm. Total length 125 mm.

#### 6 Mini dissection scissors.

Part No. **1001471** Cut length 25 mm. Total length 110 mm.

#### 7 Flat scissors with serrated safety lock, ideal for laminates, negatives and chromatography.

Part No. **1001472** Flat length 40 mm. Total length 160 mm.



### DISSECTION NEEDLES

Plastic handled, AISI 304 stainless steel needle.

Part No.	Point	Total length
<b>1000431</b>	Lancet	140 mm
<b>1000275</b>	Fine	140 mm



### DISSECTION NEEDLES

Hexagonal metallic handle with a AISI 304 stainless steel needle.

Part No.	Point	Total length
<b>1001359</b>	Lancet	40 mm
<b>1001360</b>	Fine	140 mm



### SCALPEL HANDLE No. 4

Made of AISI 304 stainless steel, comes with three sterile blades No. 20, 22 and 23.

Part No. **1001361**

Spares:

Part No. **1001362** 10 sterile blades n° 20

**1001363** 10 sterile blades n° 22

**1001364** 10 sterile blades n° 23



### ANATOMY SCALPEL

Made of AISI 304 stainless steel. Blade length: 35 mm.

Part No. **1000809**

### FORCEPS RING SHAPED TIP

AISI 304 stainless steel forceps for picking up swabs and textiles etc.

Part No. **1001192**



### DISSECTION KIT

Model Student.

Contents: 1 fine point probe, 1 lancet probe, 1 blunt end forceps, 1 fine tip forceps, 1 scalpel handle n° 4, 3 sterile blades for scalpel handle n° 4, 1 scissors, 1 magnifying glass, 1 style probe, 1 scalpel.

Part No. **1001365**

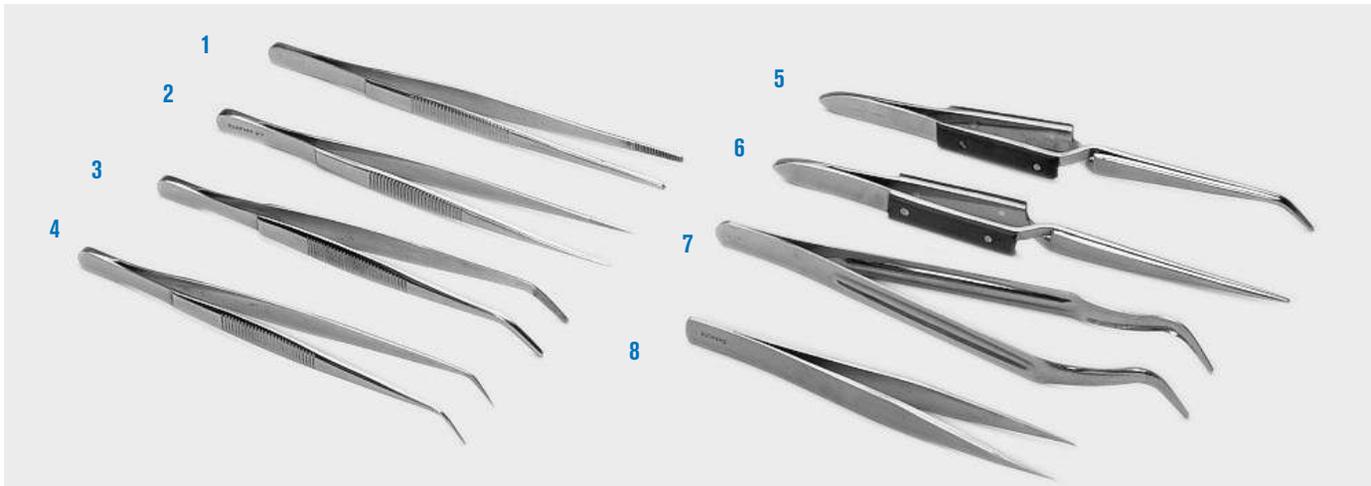


### DISSECTION KIT

Wooden box.

Contents: 1 fine needle, 1 lancet needle, 1 dissection forceps blunt end, 1 forceps fine point, 1 scalpel handle n° 4 with 3 sterile blades Nos. 20, 22 & 23, 1 scalpel and 1 scissors.

Part No. **1001152**



### DISSECTING FORCEPS AND GENERAL LABORATORY USE

Made of AISI 304 stainless steel with electro-bright finish.

Type	Description	Total length	Part No.
1	Dissecting Straight forceps round tips	140 mm	1000580
2	Dissecting Straight forceps fine tips	140 mm	1000801
3	Dissecting curved forceps round tips	140 mm	1000865
4	Dissecting curved forceps fine tips	140 mm	1000864

5	Sprung straight forceps with curved fine tips with wood laminate sides	160 mm	1001190
6	Forceps straight serrated fine point, with wood laminate sides.	160 mm	1001189
7	Laboratory forceps curved point	160 mm	600128
8	Laboratory forceps fine point	120 mm	1001191



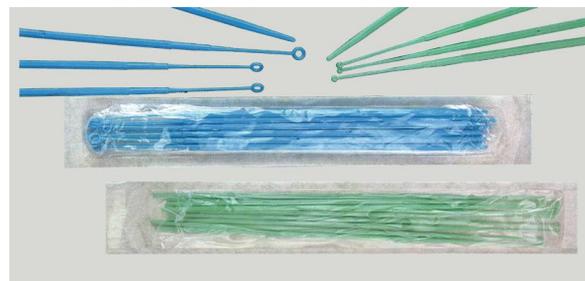
### KOLLE HANDLES

Nickel metal handle with loop end of Ni-Cr.  
Handle length: 43 mm. Internal loop Ø: 3 mm.

Part No.

**1000033** ABS handle. Handle length: 200 mm.

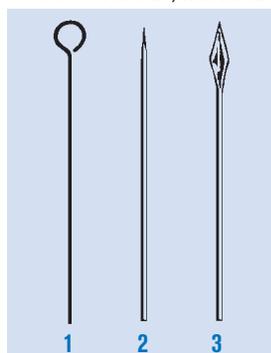
**1000488** "Pasteur", with metal handle. Handle length: 290 mm.



### STERILE CULTURE LOOPS

Disposable flexible polystyrene culture handle, one loop and one pointed end.

Part No.	Capacity	Colour	internal loop Ø	In packets of
<b>1000866</b>	1 µl	green	1 mm	20 units
<b>1000867</b>	10 µl	blue	4 mm	20 units



#### 1. CULTURE LOOP FOR KOLLE HANDLE

Loop end.  
Handle length: 43 mm. Loop Ø: 3 mm.  
Part No.

**1000013** Made of Ni-Cr.

**1000014** Made of Platinum iridium (10% iridium).

#### 2. NEEDLE FOR KOLLE HANDLE

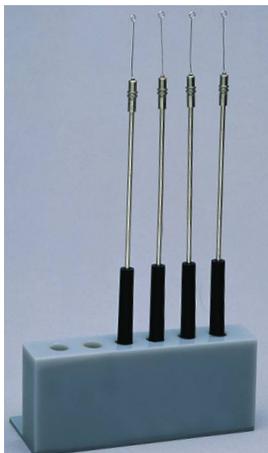
Made of Ni-Cr.  
Part No. **1000802**

#### 3. LANCET TIP FOR KOLLE HANDLE

Made of Ni-Cr. Total long: 50 mm.  
Part No. **1000803**

### STAND

Support rack for Kolle handles dissection needles made of hardened methacrylate.  
Capacity: 6 places.  
Part No. **1000903**



### INFRARED TIP STERILIZER "STERILBIO"

#### Applications

Sterilization of culture tips, needles and small instruments. Incinerates organic material at 900 °C for 5/8 seconds.

#### Features

Made from ceramic elements with a quality quartz tube interior.

Does not need purged oxygen and can be used in anaerobic environments.

Eliminates problems of aerosols and bacterial contamination.

Support at the side for 4 Kolle handles, needles, lancet or dissecting forceps etc.

#### Model

Part No.	Height/Width/Depth (exterior) cm			Ø/Length (tube interior) cm		Power W	Weight Kg
<b>3000788</b>	20	13	18	1.4	15	110	1.5



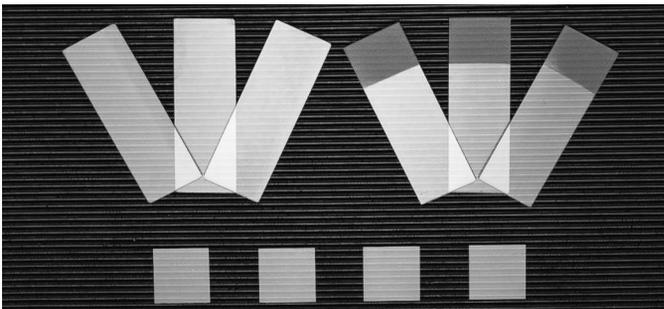
### BUNSEN J3000 BLUE UNIVERSAL

For Butane gas. Instant safety flame push button ignition incorporating a LOCK/ON mechanism that prevents accidental fires, Unit switches off when the users hand is removed. Regulation of flame intensity and flame color. Gas fill by a simple lighter gas fuel as used common gas lighters. Long life flint. Power by a 1.5 V battery. Flame temperature: 1300 °C.

### APPLICATIONS

Microbiology, bacteriology, dentistry and for general use where a fine hot flame is required for fast heat and fusion.

Part No. **1001134**



### GLASS SLIDES

Slides, unground of 26 x 76 x 1.5 mm thickness.

Box of 72 units.

Part No. **5600400**

Slides of 26 x 76 x 1.5 mm with ground end of 26 x 20 mm for writing.

Box of 72 units.

Part No. **5600399**

Cover slide of 18 x 18 mm.

Box of 100 units.

Part No. **5600396**

Cover glass of 22 x 22 mm.

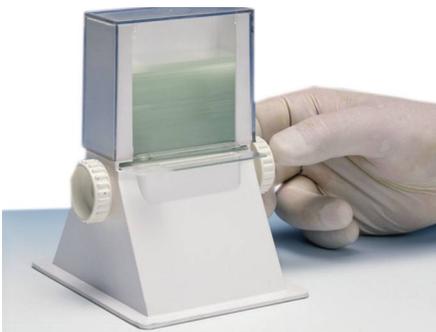
Box of 100 units.

Part No. **5600397**

Cover glass of 24 x 24 mm.

Box of 100 units.

Part No. **5600398**

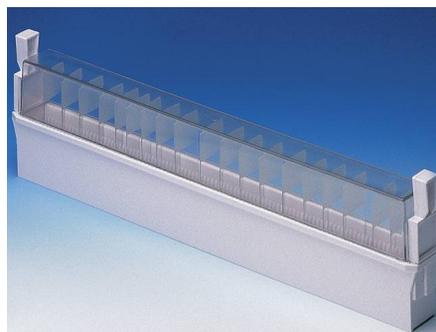


### SLIDE DISPENSER

Made of ABS plastic with a transparent polycarbonate lid. With single slide manual extraction.

Capacity 50 slides of 76 x 26 mm.

Part No. **1001366**



### SLIDE SUPPORT RACK, FOR 26 x 76 mm SLIDES

Made from ABS plastic with transparent polycarbonate lid. Holds 100 slides in a vertical position, with numbered guides and index table.

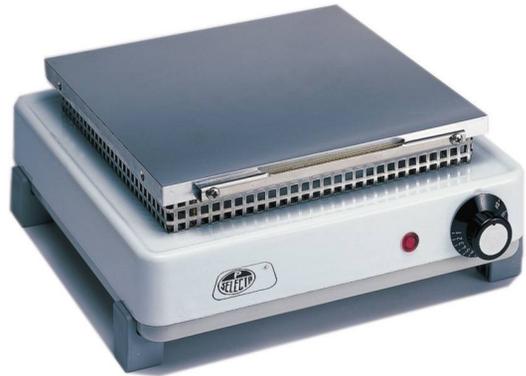
Part No. **1001367**



### FORCEPS FOR LIFTING SLIDES

Made of AISI 304 stainless steel, with flat jaws. Length: 105 mm. Suitable for lifting, slides, watch glass or small flat object.

Part No. **1000105**



### RECTANGULAR HOTPLATE "PLACFIN"

Adjustable temperature from ambient+5 °C to 130 °C. Stability  $\pm 3$  °C. Not suitable for boiling.

Coated with chemically treated aluminium, enamelled outer case.

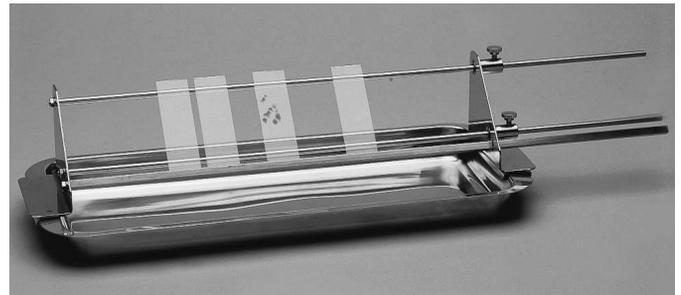
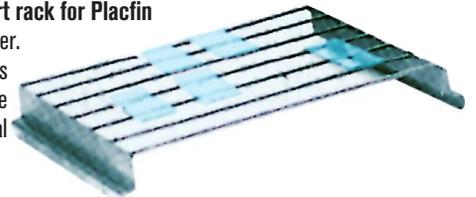
Part No.	Width/Depth (plate) cm		Height/Width/Depth (exterior) cm			Power W	Weight Kg
<b>7000497</b>	23	22	8	22	30	1500	3.7

### ACCESSORY: Slide support rack for Placfin

"Placfin" slide support adapter.

Made of AISI 304 stainless steel. Capacity: up to 18 slide of 76 x 25 mm (in a horizontal or inclined position).

Part No. **7000498**



### SLIDE STAINING STAND

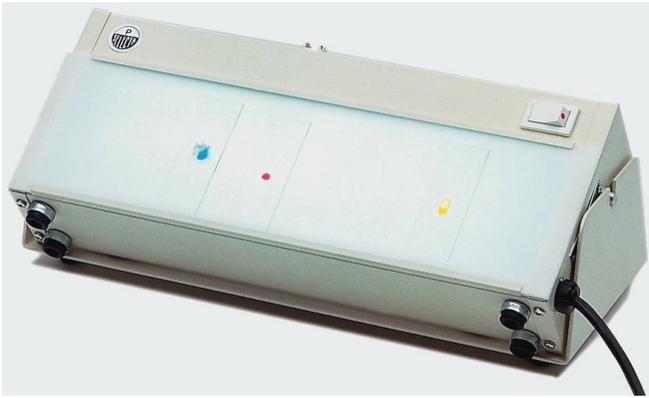
Extendible and made of AISI 304 stainless steel. Fits tanks and trays up to 50 cm in length. Capacity 12 to 14 slides inclined at an angle.

Part No. **6000904**

### ACCESSORY: Long rectangular instrument tray.

Made from AISI 304 stainless steel, 350mm long x 150mm wide.

Part No. **8080207**



### LABORATORY LIGHT "LABOR-LAM"

Used for the classification and manipulation of blood images of; anti serum transparencies, albumin control, RH tests, colony counting, micro examination, colloidal rings, observation of precipitates, acid and oil filters etc. Swivel accessory for bench or wall mount bracket. Light: white light with diffusing methacrylate screen. Temperature 30 °C to 35 °C on the screen surface. Screen light: 300 mm long x 85 mm wide. External dimensions: 320 mm long x 130 mm wide x 55 mm high. Power: 8 W.

Part No. **3000438**

**ACCESSORY:** Table top support. Swivel type. Part No. **7000483**



### STORAGE BOX FOR 26 x 76 mm SLIDES

Made of white ABS with a hinge lid and catch, numbered slots for slides and a cork base. An index for slide identification is placed inside the lid. Part No. **1001371** for 100 slides



### SLIDE BOXES

Holds 5 slides, made of polypropylene. Ideal for personal use. Dimensions: 82 mm long x 30 mm wide.

Part No. **1000869**



### Hand micrometer

Cylindrical hand micrometer, that can achieve a minimum cut of 10 µm, using a manual advanced mechanism.

External milled knob with a micrometer scale of 50 divisions of 10 µm.

Maximum sample section of 20 mm.

Precise internal sample holder with a maximum aperture of 8 mm.

Part No. **5900019**

Supplied complete with a carry case, dissection forceps, blade and a 5 mm thick glass base.



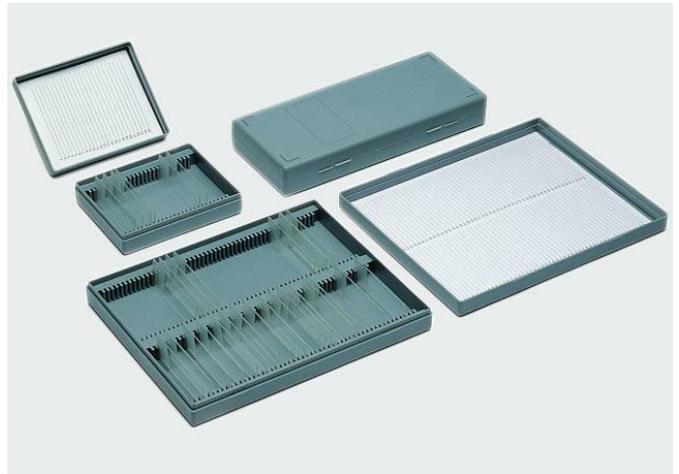
### SLIDE BOX FOR STORING 26 x 76 mm SLIDES

PVC base, colour white, with numbered dividers.

Index in the lid interior.

Part No. **1052050** for 50 slides

Part No. **1052100** for 100 slides



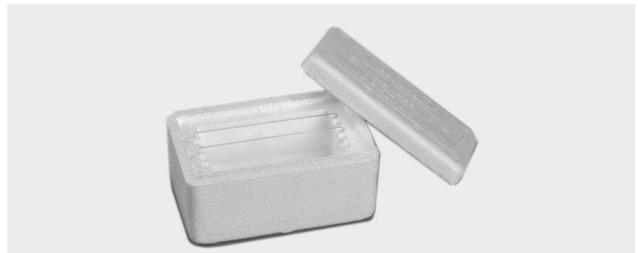
### STORAGE BOX FOR SLIDES OF 26 x 76 mm

Made of polystyrene with numbered slots and index in the lid.

Part No. **1001368** for 25 slides

Part No. **1001369** for 50 slides

Part No. **1001370** for 100 slides



### EPS SLIDE HOLDER FOR 5 SLIDES

Polystyrene slide holder designed for transporting and preservation of samples and the mailing of slides with safety, such as blood samples, serum and section samples. System of 5 divided sections to prevent rubbing against each other in transit. Up to 10 slides (75 x 24mm). A fitted lid holds the slides in place.

Dimensions: 53 mm height x 100 mm long x 63 mm deep.

Part No. **1001717** Packs of 25 units





## Cooling plate "Plac-Center"

DIGITAL DISPLAY WITH ANALOGUE TEMPERATURE CONTROLLER.  
ADJUSTABLE TEMPERATURES FROM -10 TO 5 °C.

### APPLICATIONS

Designed to keep material in a solid state.

### FEATURES

External case made of AISI 304 stainless steel. Cooling plate made of black anodised aluminium.  
Anti vibration, hermetically sealed CFC free compressor.

### CONTROL PANEL

Illuminated Mains ON/OFF switch.  
Analogue electronic temperature control with digital display (2 digits).  
Resolution:  $\pm 1$  digit.  
Temperature probe: PTC.

### MODEL

Part No.	Width/Depth (plate) cm	Height/Width/Depth (exterior) cm	Power HP	Power W	Weight Kg
<b>4000501</b>	30 15	27 33 50	1/3	160	15



## Wax dispenser "Dispenser"

ADJUSTABLE TEMPERATURE FROM AMBIENT +5 TO 100 °C.  
STABILITY  $\pm 1.5$  °C.

### FEATURES

External metal case coated with epoxy. Internal tank made of aluminium coated with black indelible PTFE. Independently heated tap.

### CONTROL PANEL

Illuminated Mains switch.  
Indicator lamp shows when the heater is on.  
Adjustable temperature thermostat controller.  
Adjustable tap temperature controller.

### MODEL

Part No.	Capacity litres	Ø / Height (usable) cm	Ø / Height (exterior) cm	Power W	Weight Kg
<b>4000490</b>	4	20 15	28 30	400	5



## Paraffin wax floating out bath for histology samples "Termofin"

ADJUSTABLE TEMPERATURE FROM 40 °C TO 80 °C. STABILITY  $\pm 1$  °C.

### APPLICATIONS

Suitable for the fusion and preservation of paraffin wax in a liquid state that enables the users to see the floated sections.

### FEATURES

Bath and lid made of black PTFE coated aluminium with a location hole in the lid for a thermometer.

### CONTROL PANEL

Mains ON/OFF switch. Adjustable temperature thermostat synchronised with an indicator lamp while heating.

### MODEL

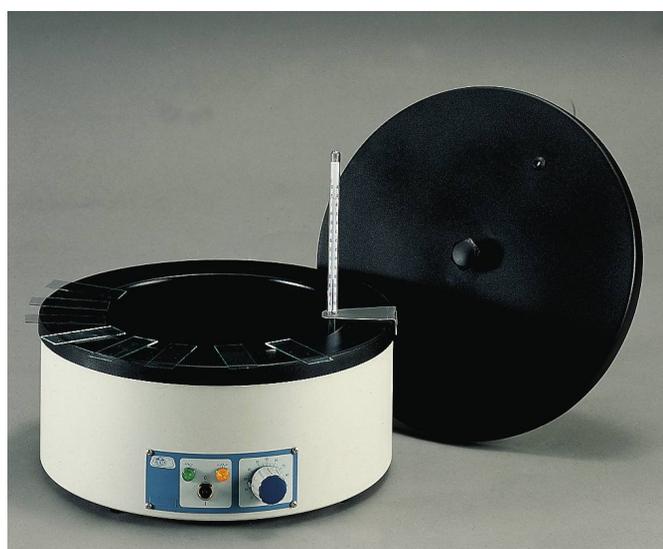
Part No.	Capacity litres	Ø / Height (usable) cm	Ø / Height (exterior) cm	Power W	Weight Kg
<b>3000459</b>	4	25 10	34 14	430	2.3

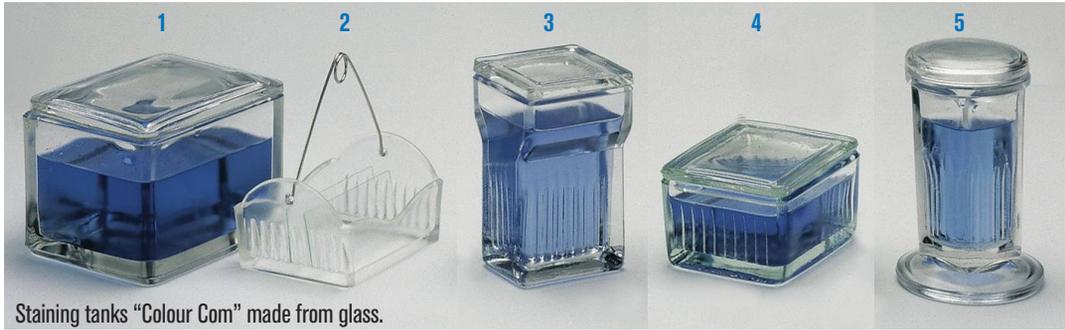
Supplied complete with lid and thermometer.

### ACCESSORY

**Thermometer support** (can only be used without the lid).  
Part No. **6004591**

### PTFE coated lid





Staining tanks "Colour Com" made from glass.



Staining tank with screw cap hermetically sealed lid.

### STAINING TANK

Part No.	Type	Height / Width / Depth (exterior) mm	Slide quantity	Applications
1001138	1	85 105 70	10 of 76 x 26 mm	Tank with lid, requires rack No. 2 that is placed inside.
1001139	2	30 90 48	10 of 76 x 26 mm	Tank rack, bottomless, submerge in No.1 tank.
1001140	3	105 60 55	16 of 76 x 26 mm	Hellendahl vertical tank with lid.
1001141	4	50 85 70	10 of 76 x 26 mm	Horizontal staining tank with lid.
1001142	5	105 45 45	10 of 76 x 26 mm	Coplin, vertical staining tank with lid.
1001352	6	110 56 56	10 of 76 x 26 mm	Coplin, staining tank made of polyethylene with lid.



### 1. ANGLE FORM MOULDS

For paraffin wax covers.

Supplied as two separate angular plates made of AISI 304 stainless steel.

Part No.	Height / Width / Depth (usable mould) mm	Part No.	Height / Width / Depth (usable mould) mm
6051622	14 22 44	6051645	20 45 85
6051635	20 35 65	6051690	25 90 150

### 2. ROUND INSERT MOULDS

Made of perforated AISI 304 stainless steel with lid.

Part No.	Ø mm	Height mm
1051837	37	8



## Cooling bath "Refricub"

ELECTRONIC CONTROL WITH DIGITAL DISPLAY  
ADJUSTABLE TEMPERATURE DOWN TO -25 °C.

### APPLICATIONS

Suitable for maintaining paraffin wax and waxes in a solid form for long periods of time, etc.

### FEATURES

Temperature homogeneity:  $\pm 2$  °C.

Precision of temperature controller: 1 °C.

External case made of epoxy covered metal with AISI 304 stainless steel tank and top.

An anti vibration hermetically sealed CFC free compressor is mounted in the base of the unit, supplied with ventilated evaporator, regulating valve and condenser.

### CONTROL PANEL

Illuminated mains indicator switch.

Electronic controller for temperature with two digit digital display with a resolution of:  $\pm 1$  digit.

PTC probe.

Part No.	Capacity litres	Height/Width/Depth (tank) cm	Height/Width/Depth (exterior) cm	Power HP	Power W	Weight Kg
4100519	18	20 30 31	80 46 44	3/8	350	22





## Chromatography tanks

### APPLICATIONS

For quantitative analysis. Useful for storing and protecting the plates by means of the hermetic upper lid.

### FEATURES

Made of heavy thick glass, with a flat bottom, ground rims with rounded edges. Solid glass rectangular lid, smooth base with ground edges to make an air tight fit tank. Rectangular glass lid with handle, smooth base and ground surface for hermetically sealed closure with the tank.

MODELS	Part No.	Heigh/Width/Depth mm	N° of plates	With Lid
<b>MINICROM</b>	<b>1001162</b>	<b>139 135 80</b>	<b>1</b>	<b>Yes</b>
<b>CROMACROM</b>	<b>1001163</b>	<b>240 236 118</b>	<b>1</b>	<b>Yes</b>
<b>MULTICROM</b>	<b>1001164</b>	<b>240 236 118</b>	<b>5</b>	<b>Yes</b>

The model MULTICROM has 5 plate slots to maintain the plate upright.



## Stackable Anatomy - Histology sample storage chest

### FEATURES

Manufactured in steel epoxy coated. Resistant to corrosive atmospheres.

### STACKABLE MODULAR SYSTEM

#### Cabinet for storing slides.

Complete with 14 drawers for slides of 26 x 76 mm.

Drawer capacity: 350 slides.

Part No. **1052014**

#### Cabinet for storing transparencies.

Complete with 7 drawers for transparencies of 50 x 60 mm.

Drawer capacity: 230 transparencies.

Part No. **1005207**

#### Cabinet for storing paraffin wax mounted samples.

Complete with 10 drawers.

Part No. **1052010**

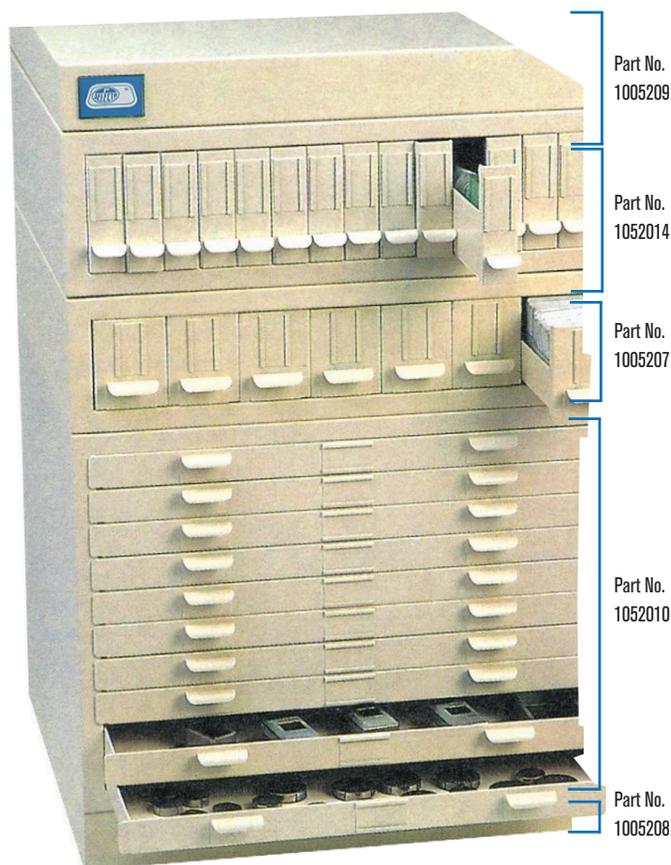
### MODELS

Part No.	Height / Width / Depth (usable) cm			Height / Width / Depth (exterior) cm			Weight Kg
	Height	Width	Depth	Height	Width	Depth	
<b>1052014</b>	9	2.6	45	14	48	48	9.5
<b>1005207</b>	7.2	5.8	47	12	48	48	6.5
<b>1052010</b>	2.6	43.5	47	34.5	48	48	18.5

#### Base and lid units

Mounted on the top or as a support base. Fits the individual modules to form distinct user definable cabinets.

Part No.		Height / Width / Depth (external) cm			Weight Kg
<b>1005208</b>	<b>Base</b>	5,5	48	48	2,5
<b>1005209</b>	<b>Lid</b>	5,5	48	48	2,5



NEW DESIGN

**FEATURES**

Fixed volume pipettes from 1 to 1000 µl, model dependent.  
Simple and easy to use.  
Discard tip ejection for all models.  
Comes complete with calibration tool.

MODELS	Part No.	Capacity µl	Accuracy %	Precision %
Dispen-Fix	5904009	5	±2.0	< 0.8
Dispen-Fix	5904010	10	±1.6	< 0.5
Dispen-Fix	5904011	20	±1.0	< 0.3
Dispen-Fix	5904012	25	±1.0	< 0.3
Dispen-Fix	5904013	50	±0.8	< 0.3
Dispen-Fix	5904014	100	±0.8	< 0.25
Dispen-Fix	5904015	200	±0.8	< 0.15
Dispen-Fix	5904017	500	±0.8	< 0.2
Dispen-Fix	5904018	1000	±0.8	< 0.13

**COMECTA Variable volume dispensing pipettes “Dispen-Var”**

WITH VALIDATION TEST ACCORDING TO SERIAL NUMBER.  
AUTOCLAVABLE UP TO 121 °C.

**FEATURES**

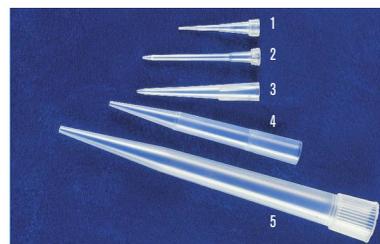
Variable volume from 1 to 5000 µl, model dependent.  
Simple and easy to use adjustable dispense volume.  
Digital set volume selection.  
Discard tip ejection for all models up to 1000 µl.  
Comes complete with calibration tool.

MODELS	Part No.	Capacity µl	Divisions µl	Precision %
Dispen-Var	5900010	1 - 10	0.1	< 1.5 - < 0.4
Dispen-Var	5900020	2 - 20	0.1	< 1.5 - < 0.8
Dispen-Var	5900100	10 - 100	1	< 1.0 - < 0.3
Dispen-Var	5900200	20 - 200	1	< 1.0 - < 0.5
Dispen-Var	5901000	100 - 1000	10	< 0.8 - < 0.28
Dispen-Var	5905006	1000 - 5000	10	< 0.4 - < 0.2



**ACCESSORIES. PIPETTE TIPS AND RACKS.** Accurate and precise, made of polypropylene.

Models Nº image	Part No.	Range µl	Colour	Qty. tips x part No.	Suitable for pipette part No.	Volumes pipette µl
1	Tips 5490040	0.1- 10	Transparent	1000	5904009	5
	Rack 5490035	0.1- 10	Transparent	96	5904010	10
					5900010	1 - 10
2	Tips 5490041	2 - 20	Transparente	1000	5900020	2 - 20
	Rack 5490036	2 - 20	Transparente	96		
3					5904011	20
					5904012	25
	Tips 5490042	5 - 200	Transparent	1000	5904013	50
	Rack 5490037	5 - 200	Transparent	96	5904014	100
					5904015	200
					5900100	10 - 100
					5900200	20 - 200
					5904017	500
					5904018	1000
					5901000	100 - 1000
4	5490044	101 - 1000	Blue	1000		
	5490034	101 - 1000	Blue	96		
5	5490047	1000 - 5000	Blue	500	5905006	1000 - 5000
	5490039	1000 - 5000	Blue	500		



**Pipette rack.**  
Made of AISI 304 stainless steel. No. of places: 6 dosing pipettes up to 28 cm in length.  
Part No. 1001215



Rack for pipette tips.

# COMECTA Multichannel variable volume dispensing pipettes "Multi-Var 8"

COMECTA

NUMBER OF CHANNELS: 8.

## FEATURES

Due to its excellent tips alignment, they offer a great advantage in microtiter techniques such as: agglutination, immunological radio assays, hemagglutination, antibiotic test, etc. (All models are calibrated according to DIN 12600 recommendations)

MODELS	Part No.	Tips Range µl	Nominal Volume Accuracy		Coefficient variation		Increments µl	Tips types µl
			A < ±%		Nominal volume			
			Min %	Max %	Min %	Max %		
Multi-Var 8	5905027	5-50	0.8	6	0.4	3	0.1	200
Multi-Var 8	5905028	10-100	0.8	4	0.3	2	0.2	200/300
Multi-Var 8	5905029	20-200	0.8	4	0.3	1.5	0.2	200/300

## ACCESSORIES

Pipette tips rack. Part No. 5490037

Carousel support for a maximum 3 multichannel pipettes. Part No. 5490038



# COMECTA Repeat multi dispenser "Repette-HW"

COMECTA

UP TO 49 SUCCESSIVE DISPENSES WITHOUT THE NEED TO REFILL.  
DISPENSING VOLUME FROM 2 µl UP TO 5000 µl.

## FEATURES

Multi dispenser pipette.  
Precise repeat dispenser.  
Ideal for dispensing low and high viscosity liquids.  
Designed for rapid dispensing.  
Depending on the setting, the dispenser can discharge up to a maximum of 49 times successively, without the need to be refilled.  
Accepts 8 different syringes.  
**Precision table using COMECTA syringes.** (These values are based on a maximum volume for each pipette using distilled water at ambient temperature):

Type syringe ml	Volume doses µl	Precision nominal volume A < ±%		Variation coefficient nominal volume CV ≤ %	
		10%	2%	-10%	2%
0.5	10 - 50	0.8	4.0	0.6	1.4
1.25	25 - 125	0.8	4.0	0.3	0.8
2.5	50 - 250	0.7	3.5	0.2	0.8
5	100 - 500	0.5	2.5	0.2	0.6
12.5	250 - 1250	0.3	1.5	0.2	0.4
25	500 - 2500	0.3	1.5	0.2	0.4
50	1000 - 5000	0.3	1.5	0.15	0.4

## ACCESSORIES

Steril syringes. Supplied in individual bag.

Part No.	Volume ml	Syringes x part No.
5490053	0,5	100
5490054	1,25	100
5490055	2,5	100
5490056	5	100
5490057	12,5	50
5490058	25	50
5490059	50	50

Dispense volumes from 2 µl up to 5000 µl, depending on syringe used.

Maximum viscosity per syringe is:

50 ml = 20 mPas, 5 ml = 260 mPas and 1.25 ml = 977 mPas.

Maximum pressure: 500 mbar.

Operating temperature: from 15 to 40 °C.

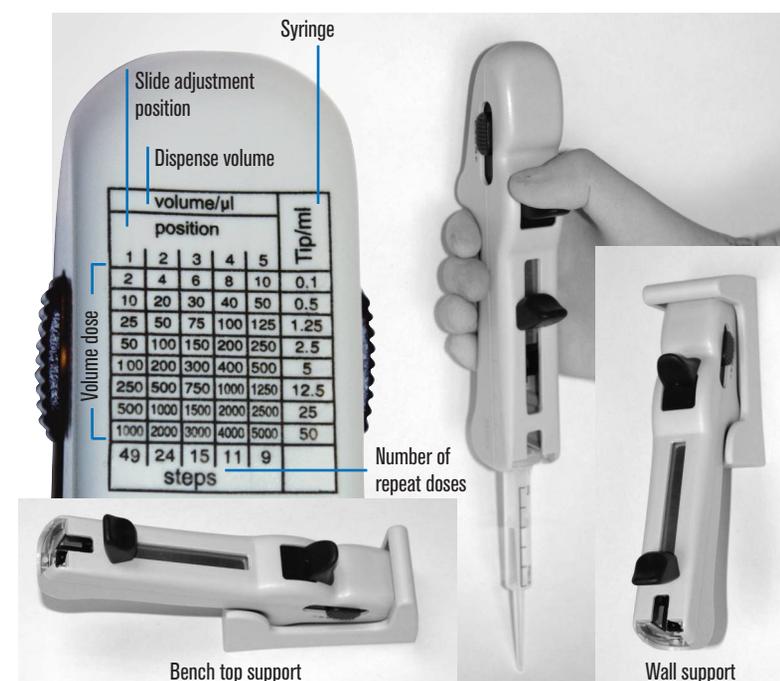
At the back of the dispenser shows a quick table reference of the volume and dose, that shows the repeatable dose from the syringe to be used and the correct slide position.

Includes an easy to locate wall or bench support.

Supplied complete with a 5 ml syringe and an autoclavable PP adapter for 25 and 50 ml syringes.

Repeat multi dispenser "Repette HW".

Part No. 5490050



## SPARE

8	5490060	Adapter made from PP for 25 and 50 ml syringes
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## Motorized pipette dispenser “Rota-Filler 3000®”

FOR ANY KIND OF PIPETTES FROM 1 TO 100 ML.



### FEATURES

Three positions switch for fast or slow aspiration and dispensation or gravitatorial dispensation for free dispensing.

The pressure over the ergonomic bulbs allows modulation, speed control of aspiration and dispensation.

It is supplied with a couple of 0,45 µm filter by default for an effective protection against contaminated air either of the equipment during aspiration or of the sample during dispensation.

Two rechargeable and interchangeable batteries.

Low-battery light indicator signal.

Can be used while recharging.

### TECHNICAL DATA

Charger of 65/12 mA. Charge time: 14 hours.

Weight: 215 g.

Dimensions: 170 height x 47 width x 143 length mm.

Pipettes: from 1 to 100 ml (glass and plastic).

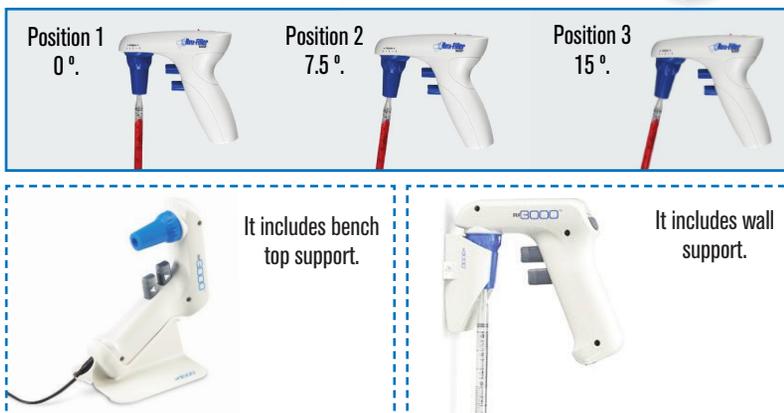
Motorized pipette dispenser “Rota-Filler 300®”.

Part no: **5900700**

### COMPLEMENT

5 hydrophobe filters pack of 0,45 µm.

Part no: **5900701**



## COMECTA Manual pipette dispenser “Pipet”

FOR ANY KIND OF PIPETTES FROM 1 TO 100 ML.

### FEATURES

Ergonomic, comfortable, solid, lightweight and ease of use.

It has been designed with an ultracompressor silicone bulb that provides a soft manual control of the pipette, either in aspiration or dispensation.

Once the bulb is squeezed, control with the toggle both speeds, the aspiration and dispensation one. Push the middle button to expel blowing-out any liquid remaining in the pipette. 0,45 µm .

Measure: 25 mm Ø.

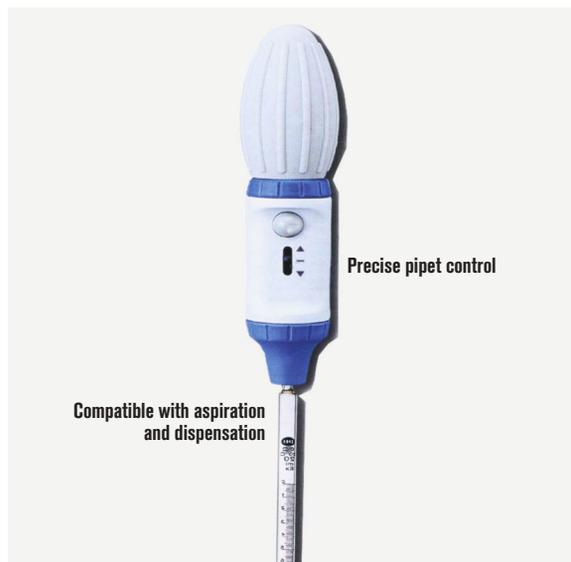
Weight: 130 g.

Manual pipette dispenser “Pipet”. Part no **5900800**

### COMPLEMENT

5 hydrophobe filters pack of 0,45 µm.

Part no: **5900801**



## Measuring range “COM-PIP”

### FEATURES

Made of polypropylene with silicon joints, for volumes up to 25 ml. Precise and safe, ergonomic design that allows filling and emptying without having to change the setting. Flexible thermoplastic seal against any type of burette. A button on the side empties the burette automatically. Easily dismantled and cleaned.

Part No.	Capacity	Identification colour
<b>1001131</b>	0 to 2 ml	Blue
<b>1001132</b>	0 to 10 ml	Green
<b>1001133</b>	0 to 25 ml	Red



### PIPETTE RACK “COM-PIP”

Made from AISI 304 stainless steel. Capacity 6 pipettes of differing sizes. Part No. **1001702**



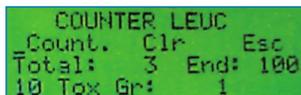


# Digital cell counter for blood components "CC-1431"



## FEATURES

- Designed for any type of cell or type counting and blood analysis.
- Languages: Spanish, English and French.
- Operating menu displayed on the screen, 4 LCD lines of 20 characters per line.
- Visualization of data can be displayed as partial, total, and absolute or percentage of key strokes.
- Possibility to correct the last count.
- Memorizes the last pulsed count and identifies it on the screen.
- Audible pulse control when the key is pulsed, advises when the count limit is reached.
- Up to 14 separate key inputs per program.
- Power: 12 V. Includes mains adapter.
- USB interface for download of results to a computer.
- Includes software for PC with the following parameters: Patient Number, Laboratory name, Date, Hour, Comments and comparison of previous results after treatment.



## FOUR PROGRAMS INCLUDED:

### LEUC (leukocytes)

- Leukocyte count.
- 14 different cell types.
- 3 Keys for counts that are not used in the final count: («11. Normo» «12. Tox Gr» «14. Ery»).
- Total cell count (at the end of counting) selectable from 100 to 1000 in steps of 100.

### MYEL (myelocytes)

- Myelocytes count.
- 14 different cell types that accumulate to the total count.
- Total cell count selectable from 100 to 1000 in steps of 100.

### RETI (reticulocytes/erythrocytes)

- Reticulocytes count.
- No. of cells by configurable view from 50 to 250.
- 1 Key for reticulocyte fields.
- 1 Key for erythrocytes that are not included in the final count.

### FREE (program, customer set)

- Configurable count.
- Each key can be activated or deactivated for the count.
- Total cell count (at the end of counting) selectable from 100 to 1000 in steps of 100.

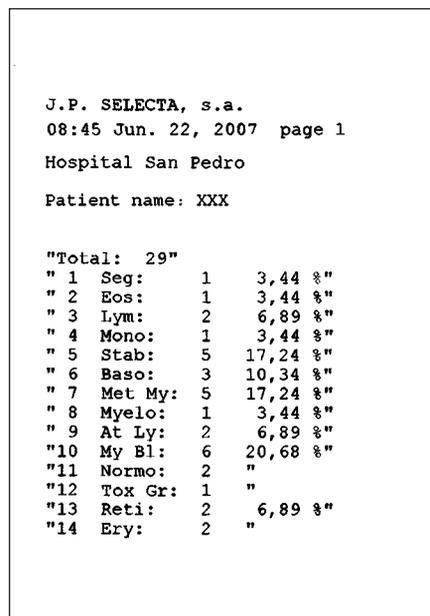
## KEYS

- Two control keys:
  - SELECT: choose one program or one option.
  - ENTER: accept the option choose.
- 14 Keys for different cell types:

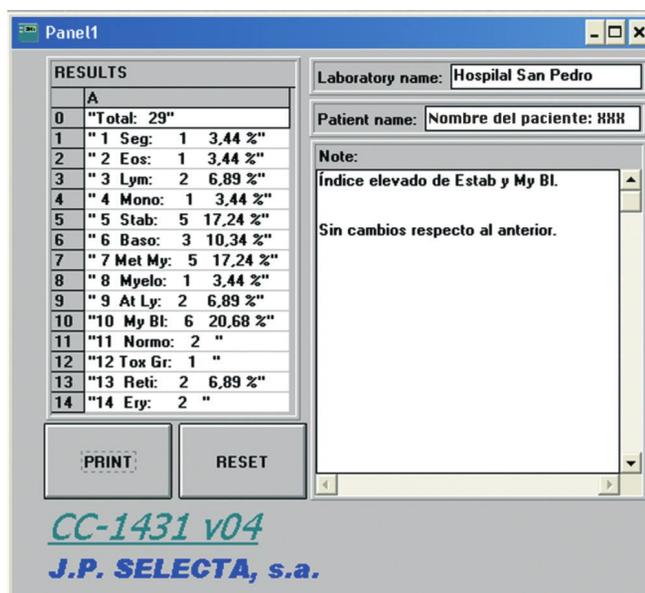
- Seg: Segments or granulocytes.
- Eos: Eosinocytes.
- Lym: Linfocytes.
- Mono: Monocytes.
- Stab: Bands.
- Baso: Basocytes.
- Met My: Metamielococytes.
- Myelo: MieloBlasts.
- At Ly: Linfocytes untypical.
- My Bi: Mielocytes Binucleads.
- Normo: NormoBlasts.
- Tox. Gr.: Granulocytes toxic.
- Reti: Reticulocytes.
- Ery: Eritrocytes / EritoBlasts.

## MODEL

Part No.	Height / Width / Depth cm	Power W	Weight Kg
7121431	7 15 22	6	0.6



Report.



CC-1431 v04  
J.P. SELECTA, s.a.

Software download and report.



## Colony counter "Digital S"

FOR PETRI DISH OF UP TO 100 mm DIAMETER.  
LED ILLUMINATION.

NEW  
DESIGN

### APPLICATIONS

Molecular Biology, Genetics and microbiology.

### FEATURES

The unit records each pulsed colony count on the digital screen to a total of 999 counts. Pressure to count can be made by any way (pencil, or pen tip etc.). Epoxy coated casing. Reversible interior background part in white or black. Steady, (glare free) LED illumination, clear and wide view visibility. Removable plates for housing varying sizes of Petri dishes. Location for reversible contrast plates. Magnifying glass X2 with adjustable height and rotation support

### CONTROL PANEL

Mains switch.  
Numerical digital display: 3 digits.  
Audible confirmation beep for each count. Zero reset button. RESET.

### MODEL

Part No.	Ø of magnifying glass cm	Magnification	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>4905002</b>	12.5	2x	25 23 30	20	3.5

Supplied complete with Wolffhuegel disc.

### ACCESSORY

5 Wolffhuegel discs.  
Part No. **4905001**



## Bench top ultraviolet radiation sterilizer

Fast destruction of germs by U.V. radiation based on the principle that albuminoid bodies absorb energy that which prevents germination and reproduction of the bacteria. Suitable for destroying: bacteria, virus, spores, yeast and mildew.

### FEATURES

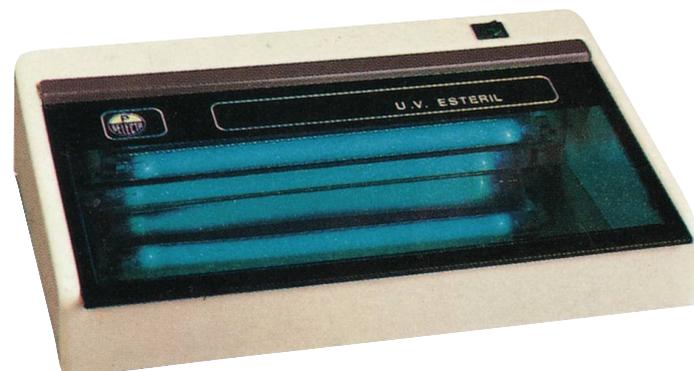
Main body made of expanded polystyrene, with a polished AISI 304 stainless steel tray that reflects the U.V. radiation and a protective smoke coloured methacrylate top that allows the samples to be seen and at the same time, it is opaque to U.V. light. U.V. Wave length: U.V. 2537 Angstroms. U.V. lamp life span: 5000 hours approx.

### CONTROL PANEL

Illuminated Mains switch.  
To prevent accidental sight or skin damage a safety micro-switch that cuts off the power if the U.V. protective cover is removed.

### MODEL

Part No.	Height/Width/Depth (interior) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
<b>3000416</b>	7 to 9 50 20	17 57 38	15	7.5



### SPARE

Germicidal tube. Part No. **0022113**



## Westergren sedimentation pipette support stand

Sedimentation tube support stand.  
Made of AISI 304 stainless steel.  
Supports pipettes with a replaceable vial type rubber plug. Easy to clean.  
Sectioned, tilted, 45 °C front panel scribble board for notes.  
Designed so that the tubes can be mounted only with one hand.

Part No.

**1000093** Three Place.

**1000096** Six place.

**1000912** Twelve place.

