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 engraving tips: Diamond, carbide, tempered steel and two for decorative work.
Part No. 1001129



WATER JET VACUUM PUMPS

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



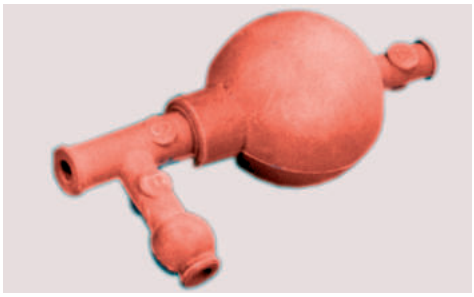
CORK BORER SHARPENER
With a wooden handle, blade of tempered steel.
Part No. 7000004

CORK BORER

Electrobrite finish. Universal handle. Part No.		Electrobrite finish. Individual handle. Part No.	
7000846	6 bores.	7000856	6 bores.
7000848	8 bores.	7000858	8 bores.
7008412	12 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

PARTS LIST AND ACCESSORIES

Heating blocks

To function correctly it is important to include in the purchase the controller unit for time and temperature RAT-2, The block should not be connected directly to the mains supply.



Models	Part No.	No. of positions	Ø tube mm	Height / Width / Depth (exterior) cm	Temperature °C	Power W	Weight Kg
MACRO	4000507	6	42	18 33 28	45 to 450	1500	18
MACRO	4000508	12	42	18 39 33	45 to 450	2100	25
MACRO	4000509	20	42	18 44 39	45 to 450	2500	31
MICRO	4001050	12	26	18 33 28	45 to 450	1500	16
MICRO	4001051	24	26	18 39 33	45 to 450	2100	22
MICRO	4001052	40	26	18 44 39	45 to 450	2500	27

Process programmer for time / temperature RAT-2. Part No. 4001538

Features

Temperature range from 45 ºC to 450 ºC.
Memory for 20-4 steps programs.
Maximum time per step: 600 minutes.
Acoustic indication for digestion end of program.
Two selectable temperature gradients: kjeldahl/D.Q.O.
Temperature sense breakage alarm.
Independent control of safety maximum temperature.
Bidirectional RS-232 serial connection. For temperature registration and digestion program edition with the RAT connected to a PC.

Control Panel

The control panel and the RAT-2 display allow the creation and execution of the digestion program.
During the digestion, it shows the block temperature, the elapsed time in the program step.



Electronic controller RAT-2



Tube support rack.
Made of chemically treated no corrosive Dural, with handles and side panel that prevents heat loss.



Fume extraction
Unit for collecting fumes supplied with a support rack. Made of borosilcate glass and stainless steel.

Models	Part No.	No. of places	Height / Width / Depth (exterior) cm
MACRO	4005071	6	15 17.5 12.5
MACRO	4005081	12	15 23 18
MACRO	4005091	20	15 28.5 23.5
MICRO	4001053	12	15 17.5 12.5
MICRO	4001054	24	15 23 18
MICRO	4001055	40	15 28.5 23.5

Models	Part No.	No. of places	Height / Width / Depth (exterior) cm
MACRO	4005072	6	15 18 12
MACRO	4005082	12	15 23 18
MACRO	4005092	20	15 29 23
MICRO	4001056	12	15 18 12
MICRO	4001057	24	15 23 18
MICRO	4001058	40	15 29 23



Digestion and distillation tube Series MACRO of 250 ml volume. Graduated to 100 ml 42 mm Ø x 300 mm high.
Part No. 4042300



Tube for digestion and distillation Series MICRO of 100 ml volume.
26 mm Ø x 300 mm high.
Part No. 4001045



Water jet pump for vacuum extraction. Made of PVC designed for the fume extraction of the 20 and 40 place models.
Part No. 4000633



Water Jet pump for vacuum extraction. Metallic, suitable for the extraction of fumes for the 6, 12 and 24 place models. Part No. 7000293