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## **PDF Product Catalog**

Catalog Generated 07 April 2008

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## Beakers, Low Form



Grade 3.3 borosilicate glass, with spout

The inexpensive alternative for a wide range of laboratory applications. Volume graduations and labelling area.

- Very good chemical resistance
- High temperature resistance
- Autoclavable

DIN 12331, ISO 3819



Capacity	Ø ext.	Height	Pk	Cat. No.	Price	
25 ml	34 mm	50 mm	10	213-1120	£18.70	
50 ml	42 mm	60 mm	10	213-1121	£17.40	
100 ml	50 mm	70 mm	10	213-1122	£17.70	
150 ml	60 mm	80 mm	10	213-1123	£18.20	
250 ml	70 mm	95 mm	10	213-1124	£18.70	
400 ml	80 mm	110 mm	10	213-1125	£22.60	
600 ml	90 mm	125 mm	10	213-1126	£28.00	
800 ml	100 mm	135 mm	10	213-1127	£38.60	
1000 ml	105 mm	145 mm	10	213-1128	£44.80	
2000 ml	132 mm	185 mm	10	213-1129	£76.80	
3000 ml	152 mm	210 mm	1	213-1130	£18.50	

Capacity	Ø ext.	Height	Pk	Cat. No.	Price	
5000 ml	170 mm	270 mm	1	213-1131	£29.70	
10000 ml	217 mm	350 mm	1	213-1132	£64.80	

## Erlenmeyer Flasks, Narrow or Wide Mouth, with Flared Rim



Borosilicate glass, grade 3.3

The inexpensive alternative for a wide range of laboratory applications. Flasks have flared rim with markings for approximate volume graduations and a labelling area.

- Very good chemical resistance
- High temperature resistance

DIN 12380, ISO 1773 (narrow mouth)

DIN 12385, ISO 1773 (wide mouth)









Narrow mouth

Capacity	Neck Ø ext.	max. Ø ext.	Height	Pk	Cat. No.	Price	
50 ml	22 mm	51 mm	85 mm	10	214-1130	£24.00	
100 ml	22 mm	64 mm	105 mm	10	214-1131	£19.00	
250 ml	34 mm	85 mm	140 mm	10	214-1132	£19.90	
500 ml	34 mm	105 mm	177 mm	10	214-1133	£26.10	
1000 ml	42 mm	131 mm	220 mm	10	214-1134	£45.10	
2000 ml	50 mm	166 mm	280 mm	10	214-1135	£85.80	
3000 ml	50 mm	187 mm	310 mm	1	214-1136	£24.80	
5000 ml	50 mm	220 mm	365 mm	1	214-1137	£26.80	

Wide mouth

Capacity	Neck Ø ext.	max. Ø ext.	Height	Pk	Cat. No.	Price	
50 ml	34 mm	51 mm	105 mm	10	214-1170	£24.00	

Capacity	Neck Ø ext.	max. Ø ext.	Height	Pk	Cat. No.	Price	
100 ml	34 mm	64 mm	105 mm	10	214-1171	£19.00	
250 ml	50 mm	85 mm	140 mm	10	214-1172	£19.90	
300 ml	50 mm	87 mm	156 mm	10	214-1173	£24.40	
500 ml	50 mm	105 mm	175 mm	10	214-1174	£26.10	
1000 ml	50 mm	131 mm	220 mm	10	214-1175	£45.10	
2000 ml	72 mm	153 mm	275 mm	10	214-1176	£85.80	

## Centrifuge Tubes



PTFE, conical, smooth surface, without cap

- Inert
- Withstands forces up to 12 500 g
- Very good chemical resistance
- Suitable for use at high and low temperatures (200 to +280 °C)




Capacity	ØxL	Pk	Cat. No.	Price	
13 ml	16x110 mm	1	525-0186	£5.50	
18 ml	18x120 mm	1	525-0187	£6.80	
45 ml	25x150 mm	1	525-0188	£10.80	

## Centrifuge Tubes for Urine



- PS, conical, graduation
- Disposable
  - Fits standard centrifuge heads
  - Caps are made from LDPE



Capacity	ØxL	Packed	Pk	Cat. No.	Price	
15 ml	17x120 mm	100/box, 10 boxes/case	1000	525-0146	£89.60	




### Accessories

Description	Pk	Cat. No.	Price	
Caps for 15 ml urine tube, PE	1000	525-0145	£34.10	





## Nunc Disposable Centrifuge Tubes



Centrifuge tubes , Nunc, polycarbonate with polypropylene caps. Autoclavable.







_T 1									
Capacity, ml	Bottom	Max RCF tested, x g	Writing area	External dimensions, mm	Radiation sterilised	Pk	Cat. No.	Price	
11	Conical	6000	Yes	110 x 16	Yes	48 0	525- 0056	£226.0 0	
10	Round	6000	Yes	110 x 16	Yes	48 0	525- 0058	£251.0 0	
10	Conical	6000	No	110 x 16	Yes	48 0	391- 8505	£213.0 0	

Centrifuge tubes , Nunc, polystyrene with polyethylene caps. (not autoclavable).

_T 2									
Capacity, ml	Bottom	Max RCF tested, x g	Writing area	External dimensions, mm	Radiation sterilised	Pk	Cat. No.	Price	
11	Conical	3000	Yes	110x16	Yes	48 0	525- 0057	£101.0 0	
10	Round	3000	No	110 x 16	No	48 0	391- 8299	£122.0 0	
11	Conical	3000	Yes	110 x 16	Yes	48 0	391- 8506	£85.50	
10	Round	3000	Yes	110 x 16	No	48 0	391- 8512	£176.0 0	




Centrifuge tubes

_T 3												
Capacity , ml	Screw cap	Max RCF tested, x g	Volume graduations	Autoclavable	External dimensions, mm	Radiation sterilised	Material Tube/Cap	Packing	Pk	Cat. No.	Price	
50	Plug	5000	Moulded	Yes	115 x 30	Yes	PP/HDPE	Loose	400	734-0492	£92.60	
50	Rim	5000	Printed	Yes	115 x 30	Yes	PP/HDPE	Racked	320	734-0496	£137.00	
50	Rim	5000	Printed	Yes	115 x 30	Yes	PP/HDPE	Loose	400	734-0497	£122.00	
15	Dome	7800	Moulded / Printed	Yes	120 x 17	Yes	PP/HDPE	Loose	500	734-0494	£166.00	
15	Dome	3000	Moulded	Yes	120 x 17	Yes	PP/HDPE	Loose	500	734-0495	£148.00	
15	Dome	1800	Moulded	No	120 x 17	Yes	PBS/HDPE	Loose	500	525-0126	£139.00	

Symbols: PBS = PolyButadiene Styrene, PP = Polypropylene, HDPE = High Density Polyethylene, PE = Polyethylene. \* with adapter.

Accessories for Nunc centrifuge tubes

_T 4				
Item	Pk	Cat. No.	Price	
Caps , plug seal HDPE for tube 306/0600/28	720	391-7628	£51.40	

## Weighing Boats and Scoops



Borosilicate 3.3 glass

- Ideal for weighing small samples
- Powders can be tapped or rinsed through the tubular stem of the weighing boats\* into the receiving vessel



Description	Pk	Cat. No.	Price	
Weighing boats* 3 ml, 70 mm length	3	611-9194	£10.40	
Weighing boats* 6 ml, 85 mm length	3	611-9195	£11.90	
Weighing boats* 10 ml, 100 mm length	3	611-9196	£13.40	
Micro-balance scoops, <2 g	3	611-9197	£15.50	
Micro-balance scoops, <3 g	3	611-9198	£15.50	
Micro-balance scoops, <4 g	3	611-9199	£15.50	

## Spatulas, Spoon End



Porcelain

- Heat and chemical resistant
- Available in four sizes

Length	Pk	Cat. No.	Price	
125 mm	1	231-1342	£6.90	
170 mm	1	231-1344	£7.60	
210 mm	1	231-1346	£11.60	
310 mm	1	231-1348	£21.90	

## Sample Vessels with Screw Cap



Polystyrene (PS) or polypropylene (PP), with PE screw cap


The ideal vessel for collecting, storing and shipping samples. The vessels are made from polypropylene and are particularly suitable for the foods industry. The inner sealing lip of the screw cap prevents moisture from getting into the vessel opening.

Available in sizes: 40 or 60 ml.

- Can be ordered in aseptic or sterile versions
- Aseptic vessels have a white screw cap, sterile vessels have a red screw cap
- Both versions are also available with sample spoons integrated in the caps



Material	Type	Capacity	Ø	Height	Pk	Cat. No.	Price	
PS	Aseptic	40 ml	30 mm	70 mm	1000	216-2685	£77.80	
PS	Sterile	40 ml	30 mm	70 mm	1000	216-2686	£97.40	
PS	With spoon	40 ml	30 mm	70 mm	1000	216-2687	£170.00	
PS	Aseptic	60 ml	35 mm	70 mm	700	216-2612	£51.40	
PS	Sterile	60 ml	35 mm	70 mm	700	216-2613	£63.30	
PS	With spoon	60 ml	35 mm	70 mm	700	216-2614	£99.40	
PS	With spoon, sterile	60 ml	35 mm	70 mm	700	216-2615	£112.00	
PP	Aseptic	40 ml	30 mm	70 mm	1000	216-2689	£72.50	
PP	Sterile	40 ml	30 mm	70 mm	1000	216-2690	£87.00	
PP	With spoon	40 ml	30 mm	70 mm	1000	216-2691	£162.00	
PP	With spoon, sterile	40 ml	30 mm	70 mm	1000	216-2692	£184.00	
PP	Aseptic	60 ml	35 mm	70 mm	700	216-2620	£49.00	
PP	Sterile	60 ml	35 mm	70 mm	700	216-2621	£60.90	

Material	Type	Capacity	Ø	Height	Pk	Cat. No.	Price	
PP	With spoon, sterile	60 ml	35 mm	70 mm	700	216-2623	£108.00	

## Laboratory Clogs with Heel Straps



TPU

Washable or autoclavable clogs with adjustable heel strap for a secure fit. Perfect in wet areas, as they are water-repellent and seamless. Also available with ventilation holes in clog and insole, or with a carbon safety toe (EN 345). Please enquire.

- UV-resistant
- Washable at 100 °C including detachable sole insert
- Autoclavable at 134 °C or gamma sterilisable

Colour: White

EN 344 (ESD, anti-static)



Size	Pk	Cat. No.	Price	
36	1 Pair	114-2915	£26.90	
37	1 Pair	114-2916	£26.90	
38	1 Pair	114-2917	£26.90	
39	1 Pair	114-2918	£26.90	
40	1 Pair	114-2919	£26.90	
41	1 Pair	114-2920	£26.90	
42	1 Pair	114-2921	£26.90	
43	1 Pair	114-2922	£26.90	
44	1 Pair	114-2923	£26.90	
45	1 Pair	114-2924	£26.90	
46	1 Pair	114-2925	£26.90	

## Beakers, Low Form

Nalgene®



PP, transparent

Designed for general laboratory use. With spout and easy-to-read, silkscreen printed graduations with size code, plastic code, maximum temperature for use and "Not flame-proof" symbol. Ribbed for easy stacking.

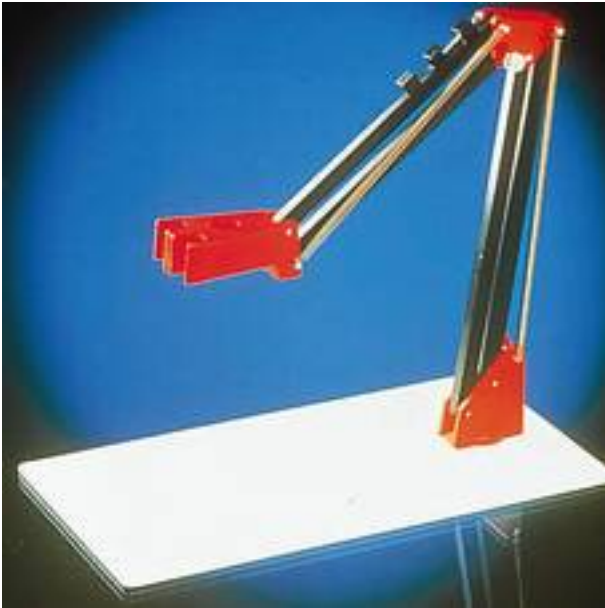
- Very good chemical resistance
- Heat resistant up to 135 °C, autoclavable at 121 °C (max. 20 minutes)
- Smooth surfaces for easy, fast cleaning

ISO 7056




Volume	Pk	Cat. No.	Price	
30 ml	12	213-7100	£17.10	
50 ml	12	213-7101	£18.50	
100 ml	12	213-7102	£20.40	
150 ml	12	213-7103	£23.00	
250 ml	6	213-7104	£16.10	
400 ml	6	213-7105	£20.70	
600 ml	4	213-7106	£18.00	
1000 ml	3	213-7107	£17.10	
2000 ml	1	213-7108	£12.40	
4000 ml	1	213-7109	£21.40	

## Electrode Stand



Cantilever stand holds 3 electrodes in any position.

- Large enamel coated steel base providing stability
- For 12 mm body diameter electrodes

Description	Pk	Cat. No.	Price	
Electrode Stand	1	662-4105	£73.40	



## Acrylamide-bis Ready-to-use Solution 30% (37.5:1) for Electrophoresis



R: 45-46-E22-43-E48/23/24/25-62

S: 53-36/37-45

Plastic-coated glass bottle

A safer way of using acrylamide, avoiding handling the crystalline material.

Appearance – colour

almost colourless

Appearance – clarity

almost clear

NN'-Methylenebisacrylamide (HPLC)(%)


2.4-2.8

Free acid (acrylic acid)(%)

max. 0.002

E 1%/1cm (290nm, aqueous)

max. 0.15

Pk	Cat. No.	Price	
1 l	1.00639.1000	£63.70	

## Fernbach Culture Flasks

Nalgene®




Clear PC

Provides the large liquid surface area necessary for growing microorganisms in liquid culture media. Provides for faster growth through improved ventilation.

- Thermal resistance from -135...+135 °C, autoclavable
- Shatter-proof with high mechanical resistance
- Good chemical resistance, but not suitable for solvents, strong acids or alkaline solutions



Capacity	Pk	Cat. No.	Price	
2800 ml	1	710-4100	£38.60	

## Marker

Eppendorf



This pen is ideal for inscribing on microtest tubes, centrifuge tubes etc..  
· With fine fibre tip

Description	Colour	Pk	Cat. No.	Price	
Pen	black	1	811-0054	£2.40	

## Condensers, Double Surface, with Standard Ground Joints



Pyrex®, borosilicate glass

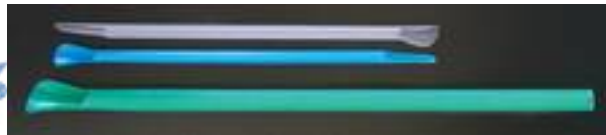
With ground cone. Highly efficient condensers with large cooling surface. Inner cooling surface gives “baffle” effect. Outer cooling surface prevents “creep” with low boiling point liquids. Detachable plastic screwthread connectors provide easy and safe attachment of flexible tubing.

- Very good chemical resistance
- High temperature resistance



Condenser length	Total length	Cone size	Pk	Cat. No.	Price	
205 mm	350 mm	24/29 NS	1	201-8303	£62.40	
205 mm	360 mm	34/35 NS	1	201-8304	£70.30	

## Spatulas, Disposable



PP, coloured

Multi-purpose, robust and inexpensive tools for collecting, transferring and processing samples of chemical and biological materials. The innovative shape of the spatula allows it to be used as a spatula, a spoon, a scoop, a scraper, a mixing rod or a wiper. Ideal for recovering samples that have been frozen in liquid nitrogen. The Macro type disposable spatulas are 50% larger than standard disposable spatulas. The long shaft makes it easier to pick up material in larger containers. Compliant with FDA standards for applications involving contact with food.

- Resistant to dilute acids and alkalis
- Reduced cross-contamination
- Autoclavable



Description	Length	Colour	Pk	Cat. No.	Price	
Disposable Spatulas	210 mm	blue	300	231-0103	£24.10	
Disposable spatulas	300 mm	black	300	231-0104	£24.10	
Disposable spatulas, macro	310 mm	green	150	231-0105	£24.10	

## Calibration Weights, Class F1



Weights made from anti-magnetic, polished stainless steel.

- Plastic box for weights up to 10 kg or in wooden case from 500 g weights upwards
  - Identification number guarantees traceability for weights from 1 g upwards
- Conform to OILM R111 recommendation.



F1 Weights in plastic cases

Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
1 mg	0,020 ± mg	1	611-8201	£14.80	
2 mg	0,020 ± mg	1	611-8202	£14.80	
5 mg	0,020 ± mg	1	611-8203	£14.80	
10 mg	0,025 ± mg	1	611-8204	£14.80	
20 mg	0,03 ± mg	1	611-8205	£14.80	
50 mg	0,04 ± mg	1	611-8206	£14.80	
100 mg	0,05 ± mg	1	611-8207	£14.80	
200 mg	0,06 ± mg	1	611-8208	£14.80	
500 mg	0,08 ± mg	1	611-8209	£14.80	
1 g	0,10 ± mg	1	611-8210	£24.00	
2 g	0,12 ± mg	1	611-8211	£25.30	

Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
5 g	0,15 ± mg	1	611-8212	£27.20	
10 g	0,20 ± mg	1	611-8213	£30.70	
20 g	0,25 ± mg	1	611-8214	£31.90	
50 g	0,30 ± mg	1	611-8215	£35.70	
100 g	0,50 ± mg	1	611-8216	£43.10	
200 g	1,0 ± mg	1	611-8217	£53.60	
500 g	2,5 ± mg	1	611-8218	£98.40	
1 kg	5 ± mg	1	611-8219	£124.00	
2 kg	10 ± mg	1	611-8220	£200.00	
5 kg	25 ± mg	1	611-8221	£338.00	
10 kg	50 ± mg	1	611-8222	£726.00	
20 kg	100 ± mg	1	611-8039	£765.00	




Type With certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
1 mg	0,020 ± mg	1	611-8231	£47.80	
2 mg	0,020 ± mg	1	611-8232	£47.80	
5 mg	0,020 ± mg	1	611-8233	£47.80	
10 mg	0,025 ± mg	1	611-8234	£47.80	
20 mg	0,03 ± mg	1	611-8235	£47.80	
50 mg	0,04 ± mg	1	611-8236	£47.80	
100 mg	0,05 ± mg	1	611-8237	£47.80	
200 mg	0,06 ± mg	1	611-8238	£47.80	

Type With certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
500 mg	0,08 ± mg	1	611-8239	£47.80	
1 g	0,10 ± mg	1	611-8240	£59.50	
2 g	0,12 ± mg	1	611-8241	£61.10	
5 g	0,15 ± mg	1	611-8242	£62.90	
10 g	0,20 ± mg	1	611-8243	£66.30	
20 g	0,25 ± mg	1	611-8244	£67.70	
50 g	0,30 ± mg	1	611-8245	£71.30	
100 g	0,50 ± mg	1	611-8246	£78.80	
200 g	1,0 ± mg	1	611-8247	£89.70	
500 g	2,5 ± mg	1	611-8248	£135.00	
1 kg	5 ± mg	1	611-8249	£160.00	
2 kg	10 ± mg	1	611-8250	£250.00	
5 kg	25 ± mg	1	611-8251	£389.00	
10 kg	50 ± mg	1	611-8252	£733.00	
20 kg	100 ± mg	1	611-8094	£812.00	

F1 Weights in wooden cases

Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
500 g	2,5 ± mg	1	611-8028	£121.00	
1 kg	2,5 ± mg	1	611-8029	£145.00	
2 kg	10 ± mg	1	611-8033	£217.00	
5 kg	25 ± mg	1	611-8035	£430.00	









Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
10 kg	50 ± mg	1	611-8036	£645.00	
20 kg	100 ± mg	1	611-8037	£877.00	
50 kg	150 ± mg	1	611-8038	£1,850.00	

Type With certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
500 g	2,5 ± mg	1	611-8040	£154.00	
1 kg	2,5 ± mg	1	611-8041	£177.00	
2 kg	10 ± mg	1	611-8042	£266.00	
5 kg	25 ± mg	1	611-8049	£480.00	
10 kg	50 ± mg	1	611-8058	£694.00	
20 kg	100 ± mg	1	611-8071	£925.00	
50 kg	150 ± mg	1	611-8093	£2,020.00	



F1 Set of weights in wooden cases

Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
1-500 mg	- ± mg	1	611-8602	£135.00	

Type Without certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
1 mg-100 g	- ± mg	1	611-8292	£416.00	
1 mg-200 g	- ± mg	1	611-8604	£540.00	
1 mg-500 g	- ± mg	1	611-8605	£616.00	
1 g-100 g	- ± mg	1	611-8611	£321.00	
1 g-200 g	- ± mg	1	611-8612	£445.00	
1 g-500 g	- ± mg	1	611-8613	£519.00	

Type With certificate					
Weight	Tolerance	Pk	Cat. No.	Price	
1-500 mg	- ± mg	1	611-8632	£342.00	
1 mg-100 g	- ± mg	1	611-8634	£776.00	
1 mg-200 g	- ± mg	1	611-8635	£936.00	
1 mg-500 g	- ± mg	1	611-8636	£1,030.00	
1 g-100 g	- ± mg	1	611-8642	£475.00	
1 g-200 g	- ± mg	1	611-8643	£635.00	
1 g-500 g	- ± mg	1	611-8644	£726.00	



## QPCR and QRT PCR Capillary Mixes, ABsolute™

Thermo Scientific



ABsolute™ QPCR and QRT-PCR Capillary Mixes contain an optimised reaction buffer specifically designed to provide the highest possible sensitivity, specificity and consistent end-point values in real-time instruments that use glass capillaries, such as the Roche LightCycler®. The 2x mixes contain all the components necessary to perform quantitative PCR, with the exception of template and primers/probes.

- Contains hot start enzyme Thermo-Start® DNA Polymerase for increased specificity and optimised buffer for maximum sensitivity
- Excellent reproducibility, with all batches undergoing extensive quality control to ensure batch-to-batch and assay-to-assay consistency
- Optimised buffer specifically designed for real-time instruments that use glass capillaries

QPCR and QRT-PCR capillary mixes

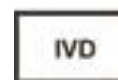
Description	Pk	Cat. No.	Price	
ABsolute™ QPCR Capillary Mix, 250x20 l reactions	1 Kit	733-0379	£114.00	
ABsolute™ QPCR Capillary Mix, 2000x20 l reactions	1 Kit	733-0380	£818.00	

QPCR and QRT-PCR SYBR® Green capillary mixes

Description	Pk	Cat. No.	Price	
ABsolute™ QPCR SYBR® Green Capillary Mix, 250x20 l reactions	1 Kit	733-0633	£141.00	
ABsolute™ QPCR SYBR® Green Capillary Mix, 2000x20 l reactions	1 Kit	733-0634	£1,070.00	

## Centrifuges 5702, 5702 R and 5702 RH

Eppendorf



The 5702 range of centrifuges is ideal for medical routine, clinical and biotechnology research. They can be used with 1.1 ml tubes for blood samples and with Falcon® tubes. Rotors, buckets and lids are autoclavable. They have induction motors and a timer which can be set for up to 90 minutes or for continuous operation.

- User friendly control panel with a small number of clearly labelled function keys/knobs and easy to read LCD display; speed can be set from 100 rpm to a maximum of 4400 rpm
- Automatic motorised locking of the lid
- Slow startup and braking through the SOFT function
- Stainless steel rotor chamber (rust proof)
- 5702 RH can consistently maintain special temperatures above room temperature, temperature-sensitive cells or cell cultures can be centrifuged at defined temperatures, particularly at 37 °C

Model

5702

5702 R

5702 RH

Max. Speed (t/min)

4400

Max. RCF (g)

3000

Capacity

4x90 ml

Temperature (°C)

-9...+40

-9...+42

Acceleration/ braking times (s)

< 25/25

Sound level (dB)

< 58

< 54

Power output (W)

200

380

WxDxH (mm)



320x400x240

380x580x260

Weight (kg)


20

36

Description	Pk	Cat. No.	Price	
Centrifuge 5702, without rotor, UK-plug	1	521-0125	£1,045.00	
Centrifuge 5702 R, refrigerated, without rotor, UK-plug	1	521-0134	£2,478.00	

## Accessories

Description	Pk	Cat. No.	Price	
Adapter 1 x 15 ml conical (Ø 17.2 mm), 3000 g	2	521-0037	£58.30	
Adapter 1 x 25 ml (Ø 25 mm), 2900 g	2	521-0029	£58.30	
Adapter 1 x 50 ml conical (Ø 30 mm), 2900 g	2	521-0038	£58.30	
Adapter 1 x 85 ml (Ø 38 mm), 2900 g	2	521-0030	£58.30	
Adapter 2x15 ml conical (Ø 17.2 mm), 3000 g (use without cap)	2	521-0035	£105.00	
Adapter 4 x 2.6/7 ml (Ø 13.5 mm), 2850 g	2	521-0031	£105.00	
Adapter 4 x 4/10 ml (Ø 16 mm), 2850 g	2	521-0039	£105.00	
Adapter 4 x 9/15 ml (Ø 17.5 mm), 2800 g	2	521-0036	£105.00	
Adapter 5 x 1.1/1.4 ml (Ø 8.5 mm), 2850 g	2	521-0040	£105.00	
Adapter 5 x 2/7 ml (Ø 12.5 mm), 2850 g	2	521-0041	£105.00	
Adapter 6 x 15 ml (Ø 17.5 mm), 2750 g	2	522-1153	£37.50	
Aerosol-tight lid for 85 ml round bucket	2	521-0033	£37.50	
Fixed-angle rotor F-35-30-17 10 x 15 ml, with 10 Falcon® adapters and 30 rubber mats, 2750 g	1	521-0025	£187.00	
Fixed-angle rotor F-35-30-17 30 x 15 ml, with 20 Falcon® adapters and 30 rubber mats, 2750 g	1	521-0024	£322.00	
Fixed-angle rotor F-45-18-17-Cryo 18 x 1.0/2.0 ml, without lid, 1840 g	1	521-0597	£259.00	
Fixed-angle rotor F-45-24-11 24 x 1.5/2.0 ml, without lid, 1770 g	1	521-0595	£225.00	
Rectangular buckets 90 ml	4	522-1132	£213.00	
Swing-bucket rotor A 4-36 without round buckets, 3000 g	1	521-0133	£308.00	
Swing-bucket rotor A 4-38 with 4 round buckets 85 ml, 3000 g (adapters not included)	1	521-0032	£563.00	

Description	Pk	Cat. No.	Price	
Swing-bucket rotor A-8-17, 8x15 ml with 8 inserts, 2800 g	1	521-0021	£152.00	

## Analytical Funnels

Nalgene®





PP, transparent

With inner and outer ribs. Cone angle 60°.

- Inner ribs at an angle of 58° to accelerate the filtering process
- Outer ribs prevent air from being trapped under the filter paper
- Autoclavable




Funnel O-Ø	Stem O-Ø	Stem length	for filter Ø	Pk	Cat. No.	Price	
35 mm	6 mm	52 mm	55 mm	12	221-0164	£18.90	
55 mm	7 mm	61 mm	90 mm	12	221-0084	£21.30	
66 mm	7 mm	65 mm	110 mm	12	221-0085	£24.30	
77 mm	7 mm	80 mm	125 mm	6	221-0086	£17.00	
92 mm	8 mm	88 mm	150 mm	6	221-0087	£20.10	
104 mm	9 mm	99 mm	185 mm	4	221-0088	£16.50	
158 mm	14 mm	151 mm	240 mm	2	221-0089	£19.90	

Description	Pack Size	Cat. No.	Price	
Paramat pastillated Gurr	1 * 10 kg	361147B	£51.40	
Paramat pastillated Gurr	1 * 25 kg	361148C	£115.00	
Paramat pastillated Gurr	1 * 2.5 kg	361144V	£14.10	



# Acetone GR for analysis ACS,ISO,Reag. PhEur 1 \* 1 l



Description	Article Number	Unit of Measure	Price	
Acetone GR for analysis ACS,ISO,Reag. PhEur 1 * 1 l	1.00014.1000	1 * 1 l	£14.10	

## Centrifuges, general purpose bench top, Megafuge

**EXTENDED**  
available  
ask for  
details  
**WARRANTY**

# Heraeus



Maintenance-free, induction drive without carbon brushes  
Particularly quiet running thanks to the Centricast base plate  
Environmentally friendly CFC-free refrigerant R 134a  
Simple and reproducible operation as a result of the microprocessor control  
Table-top unit or with trolley can be used as underbench model  
Available as refrigerated (R-Version) or non-refrigerated  
A one litre bench top centrifuge with speeds up to 6,000 rpm. Ideal for serological or cell biological investigations, for blood fractionation or for cell culture preparation. As a result of their comprehensive range of accessories, Megafuges are extremely versatile. Various aerosol-tight accessories are available.

Model  
Megafuge 1.0  
Megafuge 1.0R  
Model code  
7503490  
75003060  
Max. speed, rpm  
6,000  
6,000/15,000  
Max. RCF, x g  
6,240

6,240 (17,860)  
 Max. capacity, ml  
 4 x 400  
 4 x 400 (18 x 1.5/2)  
 Temp range, 0C



-  
 0 - 40



Run Time, mins  
 1 - 99 continuous operation  
 1 - 99 continuous operation

Dimensions, (w x d x h) mm  
 460 / 520 / 390  
 705 / 557 / 390



Weight [kg]  
 55

104  
 Rotors and buckets for Megafuge 1.0 and 1.0R centrifuges








_TCB 1			
Model	Cat. No.	Price	
Centrifuge, Megafuge 1.0 (75003490) without rotor	521-1560	£2,860.00	
Centrifuge, Megafuge 1.0R refrigerated (75003060) without rotor	521-1570	£5,330.00	

_TCB 2						
Description	Max RPM	Max RCF xg	Heraeus Ref.	Cat. No.	Price	
Hermetically sealing cap for round bucket Order-No. 75007570	-	-	75007584	521-1709	£31.70	
Rectangular bucket, with hermetically sealing lid, for 1 type A adaptor	4000	* 3,220	75008030	521-1703	£372.00	
Rectangular bucket, for 1 type A adaptor	4000	* 3,020	75002252	521-1702	£264.00	
Sealed rotor, 4 x 150 ml, with buckets, for 4 type A adaptors	6000	6240	75003360	521-1622	£1,450.00	
Swing-out rotor, 4 x 400 ml, excluding buckets	4000	See bucket *	75002704	521-1614	£774.00	
Angle rotor, ali/hermetic fixed angle rotor, for 1. or 18 x 1.5/2.0 ml, with 3 reducer sleeves adaptor sets (24 piece ea.)	15000	17860	75003041	521-1632	£540.00	
Round bucket, for swing-out rotor 75002704, 400 ml, for Adaptor type E, without caps	4000	* 3,345	75007570	521-1700	£218.00	

Adapters for round bucket 75007570

_TCB 3					
Description	Heraeus Ref.	Pk	Cat. No.	Price	
1 x 100 ml DIN	75007575	1	521-1881	£49.90	
PP-bottle, 400 ml, (fits in round bucket 75007570 without adaptor)	75007583	1	521-1883	£53.00	

**\_TCB 3**

Description	Heraeus Ref.	Pk	Cat. No.	Price	
18 x 7 ml DIN	75007571	1	521-1873	£49.90	
10 x 15 ml DIN, and blood collection tubes	75007572	1	521-1875	£49.90	
5 x 25 ml DIN	75007573	1	521-1876	£49.90	
3 x 50 ml DIN	75007574	1	521-1878	£49.90	
3 x 50 ml Falcon	75007577	1	521-1879	£49.90	
34 x 1.5/2 ml micro-tubes	75007578	1	521-1871	£96.00	
10 x 7 ml blood collection tubes	75007579	1	521-1872	£49.90	

## Weighing Bottles



Duran® borosilicate glass


- Interchangeable lids with ground joint
- Writing area in white

nF = low form hF = tall form

Capacity	Ø ext.xH	Type	Pk	Cat. No.	Price	
70 ml	35x70 mm	hF	1	611-9314	£10.00	
70 ml	40x80 mm	hF	1	611-9315	£10.20	
80 ml	80x30 mm	nF	1	611-9307	£19.10	
110 ml	50x80 mm	hF	1	611-9316	£13.60	
5 ml	20x40 mm	hF	1	611-9311	£7.70	
6 ml	25x25 mm	nF	1	611-9302	£7.80	
10 ml	25x40 mm	hF	1	611-9312	£7.70	
15 ml	35x30 mm	nF	1	611-9304	£8.70	
15 ml	40x25 mm	nF	1	611-9303	£8.20	
20 ml	30x50 mm	hF	1	611-9313	£8.70	
30 ml	35x50 mm	hF	1	611-1234	£13.00	
30 ml	50x30 mm	nF	1	611-9305	£9.60	
40 ml	40x50 mm	hF	1	611-9317	£13.60	
45 ml	40x65 mm	hF	1	611-1235	£13.80	
45 ml	60x30 mm	nF	1	611-9306	£13.40	

## N-heptane-acetone 50:50 v:v (799331B) 1\* 25 l



Description	Article Number	Unit of Measure	Price	
N-heptane-acetone 50:50 v:v (799331B) 1* 25 l	799361B	1 * 25 l	£479.00	

## Beakers, Low Form



Pyrex®, borosilicate glass, graduated

Ideal for general laboratory use. With sprout, white graduations and marking spot.

· Excellent chemical resistance + thermal performance

ISO 3819

Capacity	Ø ext.	Height	Pk	Cat. No.	Price	
5 ml	22 mm	30 mm	10	213-0010	£28.40	
10 ml	26 mm	35 mm	10	213-0012	£30.10	
25 ml	34 mm	50 mm	10	213-0015	£25.80	
50 ml	42 mm	60 mm	10	213-0009	£25.90	
100 ml	50 mm	70 mm	10	213-0011	£28.80	
150 ml	60 mm	80 mm	10	213-0013	£30.60	
250 ml	70 mm	95 mm	10	213-0014	£32.50	
400 ml	80 mm	110 mm	10	213-0016	£38.50	
600 ml	90 mm	125 mm	10	213-0017	£48.40	
800 ml	100 mm	135 mm	10	213-0018	£68.20	
1000 ml	105 mm	145 mm	10	213-0019	£75.80	
2000 ml	130 mm	185 mm	10	213-0020	£140.00	
5000 ml	170 mm	270 mm	1	213-0022	£40.90	
10000* ml	217 mm	350 mm	1	213-0023	£103.00	

\* Supplementary to ISO range and not graduated.



## Examination Gloves



Vinyl, non-sterile, powdered or powder-free, smooth finish  
 Good alternative for latex allergy sufferers, free of latex proteins.

- Soft and supple
- With beaded cuff for easier donning
- Ambidextrous with smooth interior

Length: 240 mm

Colour: White

EN 374, Cat. I, AQL 1.5



Powdered

Size	Pk	Cat. No.	Price	
S	100	112-2391	£4.60	
M	100	112-2392	£4.60	
L	100	112-2393	£4.60	

Powder-free

Size	Pk	Cat. No.	Price	
S	100	112-2361	£6.70	
M	100	112-2362	£6.70	
L	100	112-2363	£6.70	

## Examination Gloves



Latex, non-sterile, powdered or powder-free, textured finish

The ambidextrous latex glove is ideal for general laboratory use, as well as in pharmacological, industrial, hospital and food production facilities.

- Excellent grip, especially when holding wet objects

Length: 240 mm

Thickness: 0.15 mm

Colour: Natural

EN 374, AQL 1.5



Powdered

Size	Pk	Cat. No.	Price	
S	100	112-1520	£5.60	
M	100	112-1521	£5.60	
L	100	112-1522	£5.60	
XL	100	112-2394	£5.00	

Powder-free

Size	Pk	Cat. No.	Price	
S	100	112-1525	£8.20	
M	100	112-1526	£8.20	
L	100	112-1527	£8.20	
XL	100	112-2395	£7.40	

## Examination Gloves



Nitrile, non-sterile, powdered or powder-free, textured finish

Ideal for general laboratory use, as well as in pharmacological, industrial, hospital and food production facilities. Ambidextrous gloves provide superior protection, especially for sensitive skin.

- Highly resistant to chemical solvents and fats
- Excellent grip, especially when holding wet objects
- Especially for latex allergy sufferers
- Blue colouring for better identification

Length: 240 mm

Colour: Blue

EN 374; AQL 1.5



Powdered


Size	Pk	Cat. No.	Price	
S	100	112-2365	£8.80	
M	100	112-2366	£8.80	
L	100	112-2367	£8.80	
XL	100	112-2368	£8.00	

Powder-free

Size	Pk	Cat. No.	Price	
S	100	112-2371	£11.20	
M	100	112-2372	£11.20	
L	100	112-2373	£11.20	
XL	100	112-2374	£10.20	

# Acetone cyanohydrin for synthesis 1 \* 500 ml



Description	Article Number	Unit of Measure	Price	
Acetone cyanohydrin for synthesis 1 * 500 ml	8.41607.0500	1 * 500 ml	£42.60	

## Beakers, Low Form






Stainless steel, rust-proof with flared rim and spout




Ideal for corrosive materials. Robust and durable.

- Good chemical resistance
- Excellent resistance to heat
- Smooth surfaces for fast, easy cleaning



Capacity	Ø	Height	Pk	Cat. No.	Price	
100 ml	50 mm	60 mm	1	213-3908	£43.40	
250 ml	65 mm	80 mm	1	213-3909	£44.00	
500 ml	80 mm	110 mm	1	213-3910	£59.10	
1000 ml	100 mm	130 mm	1	213-3911	£63.60	
2000 ml	120 mm	180 mm	1	213-3912	£88.70	
3000 ml	150 mm	180 mm	1	213-3913	£110.00	
5000 ml	180 mm	210 mm	1	213-3914	£139.00	

Description	Pack Size	Cat. No.	Price	
Methanol AnalaR Safe-Break	1 * 2.5 l	101587C	£26.10	
Methanol AnalaR	1 * 2.5 l	101586B	£22.60	
Methanol AnalaR	1 * 180 l	10158FK	£494.00	
Methanol AnalaR PE bottle	1 * 2.5 l	10158BG	£22.30	

Description	Pack Size	Cat. No.	Price	
Acetone AnalaR PE bottle	1 * 1 l	100032X	£13.80	
Acetone AnalaR	1 * 2.5 l	100034Q	£24.60	
Acetone AnalaR PE bottle	1 * 2.5 l	100035R	£24.10	

## Orbital Shakers, Digital, DS-500E



The DS-500E shaker can be digitally controlled and programmed with a digital timer from 1 to 9999 min. The face panel allows easy programming of time and speed. A heavy base and counterbalance weight accommodate heavier loads while maintaining compact design. Reproducible motion is evenly distributed to all samples through a counterbalanced eccentric drive mechanism. The shaker is supplied with a rubber pad, which sits on a 270x320 mm tray that rotates on heavy duty sealed ball bearings and is powered by a 0.03 kW motor.

- Separate LED displays for speed and time
- Can be digitally controlled and programmed

Speed (min-1)

25 to 500

Orbit (mm)

19

Maximum Load (kg)

23


WxDxH (mm)

273x380x184



Weight (kg)

47



Ordering Information: The shaker can accommodate the 330x330 mm and the 450x450 mm steel platforms with enamel finish. The larger platform can be double-stacked using tier braces. The platforms are easy to attach to units and stay secure through vigorous shaking. The universal attachment is designed to hold a variety of vessels and measures 340x350 mm. Each unit is supplied complete with 3 plugs: EU, UK and CH for use throughout Europe.

Description	Pk	Cat. No.	Price	
DS-500E	1	444-7019	£1,660.00	


### Accessories

Description	Pk	Cat. No.	Price	
Small platform, 330x330 mm	1	444-7021	£108.00	
Large platform, 450x450 mm	1	444-7022	£192.00	



Description	Pk	Cat. No.	Price	
Universal attachment, 340x350 mm	1	444-7020	£586.00	
Double tier braces, set of 4	4	444-7023	£56.10	

## ACETONE PESTINORM 1 \* 2.5 I

Description	Article Number	Unit of Measure	Price	
ACETONE PESTINORM 1 * 2.5 I	83656.320	1 * 2.5 I	£28.30	

## Filter paper, grade no. 54

# Whatman®

Very fast filtration grade for use with coarse or gelatinous precipitates. High wet strength, particularly suitable for Buchner work. Good chemical resistance. Not suitable for fine precipitates.

Dia.	Pk	Cat. No.	Price	
185 mm	100	512-0351	£39.30	
240 mm	100	512-0352	£65.00	
55 mm	100	512-0345	£8.40	
70 mm	100	512-0346	£8.70	
90 mm	100	512-0347	£12.90	
110 mm	100	512-0348	£16.30	
125 mm	100	512-0349	£18.90	
150 mm	100	512-0350	£28.90	

## Lateral Flow Tests, Singlepath® and Duopath®




Innovative, rapid tests make screening for pathogenic organisms easier. Complete test set for 5 pathogens. The results are easy to obtain, reliable, and available just 20 minutes after appropriate pre-enrichment. Specially adapted enrichment media helps to guarantee precise and reliable test results. The One-Step format avoids working errors during handling.

- Easy to use: simply add sample and read off the result
- Safe: clear and distinctive positive or negative test results with built-in positive control
- Reliable: as sensitive as the official culture media method
- Economical: rapid results save labour and inventory costs

Description	Standard	Pk	Cat. No.	Price	
Singlepath® Campylobacter	AOAC approved	25 Tests	1.04143.0001	£175.00	
Singlepath® E.coli O157	AOAC approved	25 Tests	1.04141.0001	£175.00	
Singlepath® Listeria		25 Tests	1.04142.0001	£175.00	
Singlepath® Salmonella	AOAC approved	25 Tests	1.04140.0001	£175.00	
Duopath® Legionella		25 Tests	1.04147.0001	£172.00	
Duopath® Verotoxins	AOAC approved	25 Tests	1.04144.0001	£307.00	

### Dehydrated media



Description	for	Pk	Cat. No.	Price	
CAYE acc to Evans for the culture of pathogenic E.coli (EHEC)*		100 g	1.00060.0100	£29.00	
Bolton selective broth (base)		500 g	1.00068.0500	£54.90	
Peptone water (buffered) (base)		500 g	1.07228.0500	£39.40	
mTSB Broth with novobiocin		500 g	1.09205.0500	£72.60	
Listeria selective enrichment broth acc. to Fraser		500 g	1.10398.0500	£61.90	
m EC broth with novobiocin		500 g	1.14582.0500	£102.00	

Description	for	Pk	Cat. No.	Price	
Salmonella enrichment broth acc. to Rappaport and Vassiliadis (RVS broth)	Singlepath® Salmonella (*1)	500 g	1.07700.0500	£26.30	

(\*1) Both enrichment media are required.

(\*2) Alternatively, enrichment media can be used.

#### Supplements

Description	Pk	Cat. No.	Price	
CAYE broth supplement	16 Vial	1.00051.0001	£64.60	
Listeria selective supplement acc. to Fraser	16	1.10399.0001	£45.30	

## Membrane Screw Caps for Laboratory Bottles

Duran Group




PP, blue, with welded-in PTFE membrane 0,2 m

Suitable for all GL 45 threads. Ideal for holding and storing gas-producing liquids, particularly hazardous chemicals. The gas-permeable membrane screw cap reduces the risk of overpressure and helps to stop a vacuum from forming. It prevents infiltration by liquids and dirt particles, so the bottle contents remain sterile.

- Heat resistant up to 140 °C
- 2-way membrane with pressure equalisation of 0,1 bar
- Ideal for autoclaving processes (does not need to be opened and closed repeatedly before/after autoclaving)



Colour	Thread DIN (GL)	Pk	Cat. No.	Price	
blue	45	5	215-0089	£13.90	

## Safety Helmet, 1465

3M




This high density polyethylene helmet fits a wide range of head sizes.

- High resistance to UV-light, chemicals and temperatures down to 30 °C
- Equipped with 6 point adjustable fitting, sweat band and deep neck strap
- High comfort and safety

Weight: 370 g

Colour: White

EN 397 LD

Description	Pk	Cat. No.	Price	
Safety helmet, 1465	1	111-8900	£13.70	

## Guard Cartridges, Waters Spherisorb®

The cartridges are compatible with Spherisorb® cartridge system. They may also be used in stand-alone holder or in integral extended cartridge end-fitting.

Description	Pore size	Particle size	Dimensions	Pk	Cat. No.	Price	
S5 C1 guard	80 Å	5 µm	10x4,6 mm	3	554-0941	£133.00	
S5 C6 guard	80 Å	5 µm	10x4,6 mm	3	554-0940	£133.00	
S5 C8 guard	80 Å	5 µm	10x4,6 mm	3	554-0939	£133.00	
S5 CN guard	80 Å	5 µm	10x4,6 mm	3	554-0942	£133.00	
S5 ODS1 guard	80 Å	5 µm	10x4,6 mm	3	554-0938	£133.00	
S5 ODS2 guard	80 Å	5 µm	10x4,6 mm	3	554-0932	£133.00	
S5 ODS-B guard	80 Å	5 µm	10x4,6 mm	3	554-0935	£133.00	
S5 Phenyl guard	80 Å	5 µm	10x4,6 mm	3	554-0943	£133.00	
S5 SAX guard	80 Å	5 µm	10x4,6 mm	3	554-0933	£133.00	
S5 SCX guard	80 Å	5 µm	10x4,6 mm	3	554-0934	£133.00	
S5 W (Silica) guard	80 Å	5 µm	10x4,6 mm	3	554-0931	£133.00	



## UV-Blocking Eyewear

UVP



Eye and face protection for applications involving short wave ultraviolet sources. Available in three styles:

- Spectacles are made of impact-resistant PC; the top and side-shield design provides full UV protection
- Goggles are constructed of specially-formulated plastic and feature a flexible rubber trim which fits comfortably on the face allowing indirect ventilation
- Fits over most prescription spectacles
- Faceshield covers the face and neck area

ANSI-Z87.1 1986

Description	Pk	Cat. No.	Price	
Spectacles (anti-UV)	1	730-1033	£14.10	
Goggles (anti-UV, anti-fog)	1	730-1034	£16.80	
Faceshield (anti-UV, anti-fog)	1	730-1035	£43.20	

## Clock with Thermohygrometer



Ideal for environments involving timed applications, including labs, offices, and classrooms. Features white case and dial face with red hour, minute, and second hands.

- Three functions in one for any environment
- Large contemporary design with bold markings

Temperature Range (°C)

30...+50

Humidity Range (% HR)

0-100

Divisions (°C and % HR)


2

Diameter (mm)

250

Delivery Information: Includes a fitting for wall mounting. Requires 1 AA battery (not included).



Pk	Cat. No.	Price	
1	620-0921	£19.50	

## Accessories for Laboratory Mixers

Waring



Description	Capacity	for unit	Pk	Cat. No.	Price	
Container with stainless steel lid	1000 ml	1 l	1	431-0108	£230.00	
Glass beaker, with blending assembly, without lid	1000 ml	1 l	1	431-9121	£62.20	
Glass beaker, with plastic lid	1000 ml	1 l	1	857-1513	£88.10	
Glass mini-beaker, with blending assembly	500 ml	1 l	1	431-9150	£172.00	
Stainless steel mini-beaker, with cutter and lid	12-37 ml	1 l	1	431-9131	£231.00	
Stainless steel mini-beaker, with cutter and lid	37-110 ml	1 l	1	431-9132	£232.00	
Spare PVC lid for mini container 431-9131	- ml	1 l	1	857-1403	£8.90	
Spare PVC lid for mini container 431-9132	- ml	1 l	1	431-0068	£8.90	
Spare PVC lid for mini container 431-9133	- ml	1 l	1	857-1405	£8.90	

## Biohazard Waste Containers

Nalgene®




PP

Ideal autoclavable plastic waste containers for secondary containment of biohazardous waste materials. Holds standard size autoclavable bags. Will not rust, dent or puncture. Red universal biohazard symbol is moulded in.

- Port opening in cover allows convenient one handed disposal of materials; limits exposure to infectious waste
- Allow convenient one step sterilisation; no need to remove autoclavable bag
- Leakproof side and bottom construction

Comply with U.S. OSHA Standard 29 CFR Part 1910.1030 for use as protection against bloodborne pathogens.

Description	Ø ext.xH	Pk	Cat. No.	Price	
Biohazardous waste container, 57 l	330x690 mm	1	113-2802	£217.00	

## Qualitative Filter Papers

Sartorius



Grade 3 m/N

Moderately fast rate of filtration, thin, smooth, increased wet strength.

Applications: Acids; for general vacuum or pressure filtration applications and for less critical analyses; also used to assay the sucrose content in cane sugar solutions with a relatively low viscosity


Filtration speed: 30 s

Weight: 65 g/m<sup>2</sup>

Ø	Pk	Cat. No.	Price	
95 mm	100	515-1595	£3.30	
115 mm	100	515-1590	£3.30	
190 mm	100	515-1593	£5.10	
230 mm	100	515-1594	£9.90	

## 1,4-Naphthoquinone for synthesis 1 \* 1 kg



Description	Article Number	Unit of Measure	Price	
1,4-Naphthoquinone for synthesis 1 * 1 kg	8.06215.1000	1 * 1 kg	£69.70	

## Banded Earplugs, PerCap®

Howard-Leight




Foldable headband with soft foam plugs for a comfortable fit.

- Perfect solution when there is a temporary need for hearing protection
- Replacement plugs available
- Lightweight and foldable: Earplugs fits easily into a pocket when not needed

SNR: 24 dB

EN 352-2

Description	Pk	Cat. No.	Price	
Earplugs, banded	1	111-3581	£3.50	
Replacement plugs	1	111-3582	£1.40	