



# 2026 Q2 Labortops

VALID UNTIL 30.06.2026

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PARTNER OF  
**LLG**  
Laboratory Supply Solutions

## Infrared Thermometers TFI 260



**-ebro-**  
a xylem brand

Non-contact measurement of the surface temperature with infrared. Ideal for fast and secure measurements of moving or energised parts and food. With batteries and a factory calibration certificate.

### Specifications:

Measurement range: -60 °C to +550 °C  
 Accuracy: ±2 °C or 2% (at 0 °C to +550 °C), whichever is larger  
 Resolution: 0.1 °C  
 Dimensions (L x W x H): 153 x 115 x 48 mm  
 Power supply: 2 x 1.5V AAA, replaceable  
 IP code: IP 20

Type	PK	Cat. No.	Price GBP
TFI 260	1	6.272 762	67.50

## Digital hand held thermometer TTX 200

**-ebro-**  
a xylem brand



For measuring the core temperature with fixed probe with cable and handle.

- Very large display with large figures
- Easy handling, easy to read
- Replaceable battery
- Factory calibration certificate

### Specifications

Temperature range: -30 ... +199.9 °C  
 Resolution: 0.1 °C  
 Accuracy: ±0.5 °C (-30 ... +100 °C), otherwise ±1%  
 Sensor length/diam.: 120 mm / 3 mm  
 Dimensions (L x W x H): 127 x 60 x 16 mm (without sensor)  
 Power supply: CR 2032  
 Protection class: IP 55

Type	PK	Cat. No.	Price GBP
TTX 200	1	6.291 272	103.50

## Temperature/Humidity data logger LOG 210



**DOSTMANN electronic GmbH**

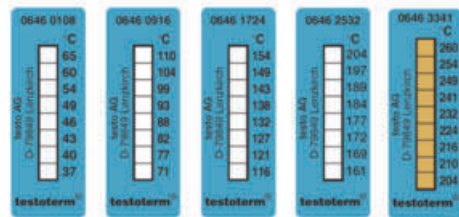
- PDF data logger with display
- Memory for 100.000 data records
- Can be used without software (pre-programmed 5-minute measurement interval)
- Automatic output as PDF file
- Adjustable measurement interval (10 seconds to 24 hours)
- Battery life approx. 4 years (with measurement interval >15 minutes)
- Includes wall bracket
- Status and alarm LEDs with audible signal (buzzer)

### Specifications

**Temperature**  
 Measuring range: -40 to +70 °C  
 Accuracy: 0.1 °C  
**Humidity**  
 Measuring range: 0 to 100% RH  
 Resolution: 0.1% RH  
 Battery: 1 x 3.6 Volt Lithium ½ AA  
 Dimensions: 91.5 x 42 x 20 mm

Type	PK	Cat. No.	Price GBP
LOG210	1	6.284 758	71.10

## 8-step irreversible temperature strips testoterm®



Strips for 8 temperatures. 5 types cover the measuring range 37 to 260 °C, each strip displays 8 different temperatures. Each strip measures 50 x 18 mm.

Measuring range °C	PK	Cat. No.	Price GBP
37 ... 65	10	9.246 002	29.70
71 ... 110	10	9.246 003	29.70
116 ... 154	10	9.246 004	29.70
161 ... 204	10	9.246 005	29.70
204 ... 260	10	9.246 006	29.70

## Heating thermostats series Universa PRO



- Up to 200 °C
- Pump with six adjustable power levels
- Stainless steel bath with drain tap

The heating thermostat with advanced electronics ensures precise control accuracy and uniform temperature distribution. It can be used for internal and external temperature control tasks. The innovative bath edge ventilation prevents icing and blocks condensate and Vapours from entering the control head.

- Efficient vario pump with six adjustable performance levels
- Colour 3.5" TFT display with progression graph
- Clear menu navigation in six languages and clear operating status icons
- Integrated Ethernet and USB interface
- Reliable low-level protection with float technology
- Adjustable overtemperature protection with acoustic alarm
- Smart temperature control media management with automatic limit value adjustment
- Insulated stainless steel bath with drain tap
- Pump connection M16x1
- Safety class III/FL



LAUDA



Type	Capacity of the bath litres	PK	Cat. No.	Price GBP
U 4 P	3 ... 5	1	4.713 298	<b>2,610.00</b>
U 4 P *	3 ... 5	1	4.713 297	<b>2,610.00</b>
U 8 P	5.8 ... 8.5	1	4.713 318	<b>2,745.00</b>
U 8 P *	5.8 ... 8.5	1	4.713 317	<b>2,745.00</b>

\* Integrated WLAN enables easy connection to PC, tablet, and smartphone.

## Recirculating cooler VALEGRO



- Extended product range
- Natural refrigerant
- OLED touch display

The modern, user-friendly recirculating cooler features a compact design and precise temperature control. The refrigeration circuit uses environmentally friendly, natural refrigerant. With intuitive menu navigation, all functions are easily accessible via the easy-to-read, ergonomically angled OLED touch display. Warnings and messages are displayed in easy-to-understand full text. Integrated castors facilitate handling on and under the laboratory bench.



Type	Flow rate l / min.	Cooling capacity kW at 20 °C	PK	Cat. No.	Price GBP
VALEGRO 350	16	0.35	1	6.522 810	<b>3,393.60</b>
VALEGRO 500	19	0.5	1	6.522 811	<b>3,902.40</b>
VALEGRO 801	23	0.8	1	4.715 202	<b>4,512.00</b>
VALEGRO 1001	23	1	1	4.715 203	<b>4,896.00</b>

## Immersion circulators ICC lite series



- Compact and powerful
- Low maintenance
- Up to 150 °C

Compact and powerful immersion thermostats. Suitable for temperature control of liquids up to 150 °C. The integrated pressure/suction pump enables use for internal and external applications.

- Approved for use with flammable liquids in accordance with DIN 12876, safety class III
- Durable and low-maintenance thanks to robust design and high-quality materials
- Housing made of coated stainless steel
- Integrated stand enables easy cleaning and prevents important components from being damaged
- USB and RS232 interface



Type	Plug type	PK	Cat. No.	Price GBP
ICC lite 150	EU	1	4.699 375	<b>872.10</b>
ICC lite 150	UK	1	4.699 409	<b>872.10</b>
ICC lite 150	CH	1	4.699 429	<b>872.10</b>

## Label printer

DYMO® LabelWriter™ 550

**DYMO®**



- Compact label printer
- Direct thermal printing technology
- Customised label design possible



Compact label printer with direct thermal printing technology for fast and efficient label printing without additional ink cartridges or toner cartridges.

- Print resolution of up to 300 x 300 dpi
- Customised label design with DYMO® Connect for Desktop software
- Printing precise label quantities without cumbersome label sheets
- Automatic energy saving mode
- PC connection via USB interface

**Scope of supply:** Label printer, 1 x label starter roll (28 x 89 mm), power adapter, power cable, USB cable, quick start guide

### Specifications

Max. label width:	59 mm
Print speed:	62 labels/min.
Dimensions (WxDxH):	127 x 187 x 136 mm
Weight:	640 g
Power supply:	100 ... 240 V, 50/60 Hz, 24 V

Type	PK	Cat. No.	Price GBP
DYMO® LabelWriter™ 550	1	4.687 585	124.19

## Dispenser box

**KEK**  
FABRICATION BRÉLSTAHN



- Material stainless steel (1.4301/AISI 304)
- Functional surfaces in KEK finish
- To dispense of disposable items (hoods, gloves, etc.)
- 1 - 4 boxes
- Hinged lid with bow handle for filling
- Viewing slots on the front to monitor the filling level
- Embossed removal opening
- Removable drip tray arranged under the removal opening
- 2 mounting holes on the back for wall mounting

Type	No. of compartments	Dimensions (W x D x H) mm	PK	Cat. No.	Price GBP
SPB-1-CLN	1	150 x 200 x 600	1	6.494 914	372.60
SPB-2-CLN	2	300 x 200 x 600	1	6.328 420	468.00
SPB-3-CLN	3	450 x 200 x 600	1	6.494 915	560.70
SPB-4-CLN	4	600 x 200 x 600	1	6.494 913	657.00

## LLG labelling tapes

**LLG**  
LABWARE



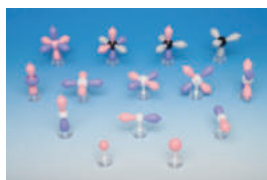
For labelling and colour coding of laboratory vessels and utensils. Strong and durable. Water resistant. Can withstand temperatures ranging from -23 °C to 121 °C. The tapes are easy to write on and leave no residue when removed. Rolls of 12.7 m.

Width mm	Colour	PK	Cat. No.	Price GBP
12.7	3 x blue, 3 x green, 3 x orange, 3 x red, 5 x white, 4 x yellow, 3 x pink	24	4.663 408	65.25
19.0	2 x blue, 2 x green, 2 x orange, 2 x red, 4 x white, 2 x yellow, 2 x pink	16	4.663 416	63.63
25.4	1 x blue, 2 x green, 1 x orange, 2 x red, 2 x white, 2 x yellow, 2 x pink	12	4.663 424	63.72

## Molecular model system Molymod®



9.883 103



6.280 325

**molymod**  
molecular models

The Molymod® molecular construction kit is a unique, high-quality system for constructing molecules.

All sets are compatible with each other. The atoms are made of solid plastic and have 1 to 6 holes in the usual angular orientations.

Type	Description	PK	Cat. No.	Price GBP
Introductory Set	48 atoms, 62 links	1	9.883 101	22.96
Organic Set, large	111 atoms, 140 links	1	9.883 103	47.64
Biochemistry Set, large	257 atoms, 160 links	1	9.883 107	87.70
Organic Set, small	50 atoms, 64 links	1	9.883 108	23.09
Inorganic/Organic Set, small	51 atoms, 38 links	1	9.883 109	23.23
Inorganic/Organic Set, large	106 atoms, 86 links	1	9.883 104	47.35
Biochemistry Set, small	72 atoms, 40 links	1	9.883 110	26.86
Organic Set, Stereochemistry, large	168 atoms, 192 links	1	7.981 659	74.93
Organic Set, Stereochemistry, small	70 atoms, 92 links	1	4.658 680	27.28
Benzene, ethane, ethene, ethyne	12 C-atoms/18 H-atoms, 9 π-bonds, 18 σ-bonds	1	9.883 111	43.33
Atomic Orbital collection set	14 models	1	6.280 325	36.13
Shapes of Molecules	8 models	1	6.280 326	23.17
Advanced level chemistry set	64 atoms, 38 links	1	6.266 240	25.97

## schuett count Colony Counter

schuett**biotec**.de



Designed for reliable and efficient counting of bacterial colonies and bacteriophage plaques growing on nutrient agar or nutrient discs/filter disks in Petri dishes. Provides ergonomic and relaxed working.

- For Petri dishes with Ø 90 mm (Ø 60 or 150 mm optional)
- Individually adjustable lighting, pressure sensitivity of the counter plate and volume
- LED lighting technology, absolutely glare free and gentle on the eyes

**Scope of supply:** For 90 mm dia. Petri dishes: adapter (transparent) for illumination from below, adapter (black/white) for illumination from side, contrast disc (black), USB-cable, marker-pen with holder.

Type	PK	Cat. No.	Price GBP
schuett count Colony counter, 100-240 V	1	9.521 940	<b>1,303.10</b>

## Accessories for schuett count Colony counter

Type	PK	Cat. No.	Price GBP
Magnifier 3 x (100 mm dia.)	1	9.521 941	<b>115.08</b>
Magnifier 6-8 x (60 mm dia.)	1	9.521 942	<b>163.04</b>
LED overhead lamp	1	9.521 943	<b>191.81</b>
Adapter for Petri dishes, 50 to 60 mm dia.	1	9.521 944	<b>40.28</b>
Adapter for Petri dishes, 140 to 150 mm dia.	1	9.521 945	<b>69.05</b>

## Incubator shaker INC 125 F digital SP 25



- Removable shaking platform
- Easy to clean

**IKA**<sup>®</sup>



INC 125 FS digital is the first incubating shaker with a patented removable shaking platform. When the shaking platform is removed, the device can be used as a normal incubator.

- Stops shaking automatically when door is opened
- Shaking and tempering function can run independently
- Availability of counter, timer and timer auto modes
- Accommodates up to 6 wire grid trays (without shaker platform)
- Decontamination mode available

### Specifications

Temperature range:	RT +8 - 80 °C
Interior volume:	125 l
Permitted relative humidity:	80%
Speed range:	10 ... 300 rpm
External dimensions (WxDxH):	700 x 635 x 720 mm
Internal dimensions (WxDxH):	550 x 415 x 550 mm
Permitted shaking weight (incl. attachment):	7.5 kg
Rated capacity:	850 W
Power supply:	220 - 240 V, 50/60 Hz
IP code:	IP 20

Type	Plug type	PK	Cat. No.	Price GBP
INC 125 F digital SP 25	EU	1	4.687 496	<b>5,099.40</b>
INC 125 F digital SP 25	UK	1	6.328 686	<b>5,099.40</b>
INC 125 F digital SP 25	CH	1	6.328 687	<b>5,099.40</b>

## LLG-Microbiological Media

For numerous micro- and molecular biological applications. 500 g bottle.  
The safety data sheets of these products are available at [www.llg-labware.com/en/certificates](http://www.llg-labware.com/en/certificates).



Description	PK	Cat. No.	Price GBP
Luria Bertani (Miller), Powder	1	6.271 000	<b>53.19</b>
Luria Bertani (Lennox), Powder	1	6.271 010	<b>54.90</b>
Terrific Broth, Powder	1	6.271 007	<b>57.06</b>
2xYT Broth, Powder	1	6.271 001	<b>67.95</b>
Trypticasein Soy Broth (TSB-media), Powder	1	6.271 018	<b>74.70</b>
Bacterial Agar, Powder	1	6.271 003	<b>101.43</b>
Luria Bertani Agar (Miller), Powder	1	6.271 009	<b>61.20</b>
Luria Bertani Agar (Lennox), Powder	1	6.271 008	<b>61.02</b>
PCA Agar, Powder	1	4.686 298	<b>71.10</b>
Nutrient agar, powder	1	4.667 691	<b>95.67</b>
Tryptic Soya Agar (Caso Agar), Powder	1	6.271 006	<b>83.61</b>
YPD Broth, Powder	1	6.271 002	<b>58.68</b>
Yeast Extract, Powder	1	6.271 004	<b>52.38</b>
Tryptone, Powder	1	6.271 005	<b>88.20</b>
Casein Peptone, Powder	1	6.271 011	<b>75.87</b>
Malt extract, powder	1	6.325 132	<b>71.91</b>



- Wide selection
- For molecular biology and microbiology



## Gel electrophoresis tank MultiSUB Mini 10



**Cleaver**  
SCIENTIFIC

The MultiSUB series of horizontal gel units offers the most versatile solution for DNA and RNA agarose gel electrophoresis currently available. The tanks are injection moulded and therefore leak free. They are equipped with high quality platinum electrodes. Each unit comes with a variety of gel tray sizes and colour coded combs providing high flexibility for the user. The casting dams supplied with the units offer a simple and leak free solution for casting the gels.

The MultiSUB mini is the smallest device in the series, designed for small and medium sample volumes. The low buffer volume of 225 ml increases the effectiveness of the analysis.

**Scope of delivery:** Chamber with platinum electrodes, UV carrier 7 x 10 cm, 2 combs (8 teeth).

### Specifications

Gel dimensions (W x L):	7 x 10 cm
Unit dimensions (W x L x H):	21 x 9 x 9 cm
Max. sample capacity:	7 x 10 cm tray, 64 samples
Buffer volume:	225 ml

Description	PK	Cat. No.	Price GBP
MultiSUB Mini 10	1	9.584 650	<b>435.01</b>

## Agarose for gel electrophoresis



**Cleaver**  
SCIENTIFIC

These agaroses are suitable for routine analysis of nucleic acids. AG agaroses are very environmentally friendly, as no organic solvents are used in the production process.

### Specifications

CAS:	9012-36-6
Appearance:	White to off-white powder
EEO:	≤ 0.13%
Gelling Point:	36 °C ±1.5°C (1.5% gel)
Melting Point:	88 °C ±1.5°C (1.5% gel)
Solubility:	Clear, colourless solution at 1 g in 100 ml water
Moisture:	< 10%
Gel Strength:	≥ 1200 g/cm <sup>2</sup> (1% gel)
Sulphate:	< 0.20%
DNase, RNase, Protease, Endonuclease:	None Detected

Type	Capacity g	PK	Cat. No.	Price GBP
CSL-AG100	100	1	9.584 695	<b>66.29</b>
CSL-AG500	500	1	9.584 696	<b>299.57</b>

## Filtration units Sartoclear Dynamics® Lab V, kits



**SARTORIUS**

With the Sartoclear Dynamics® Lab V Kits, cell culture broths can be clarified and sterile filtered simultaneously. This simplifies the process of cell harvesting from mammalian cell cultures by eliminating the need for centrifugation after clarification. The PES membrane filter ensures fast filtration rates and low protein binding. Diatomaceous earth serves as a filtration aid. Pore size 0.22 µm.

Kits consist of filtration units Sartolab® RF and diatomaceous earth pouches.

Description	Nominal capacity ml	PK	Cat. No.	Price GBP
Lab V50 Set, 1 g diatomaceous earth	50	24	4.685 397	<b>301.50</b>
Lab V50 Set, 2 g diatomaceous earth	50	24	4.685 398	<b>338.40</b>
Lab V150 Set, 2 g diatomaceous earth	150	12	4.684 174	<b>174.60</b>
Lab V150 Set, 5 g diatomaceous earth	150	24	4.684 175	<b>375.30</b>
Lab V250 Set, 5 g diatomaceous earth	250	24	4.684 176	<b>402.30</b>
Lab V250 Set, 10 g diatomaceous earth	250	24	4.684 177	<b>456.30</b>
Lab V500 Set, 5 g diatomaceous earth	500	24	4.684 178	<b>510.30</b>
Lab V500 Set, 10 g diatomaceous earth	500	24	4.684 179	<b>563.40</b>
Lab V500 Set, 20 g diatomaceous earth	500	12	4.684 180	<b>319.50</b>
Lab V1000 Set, 10 g diatomaceous earth	1000	24	4.684 181	<b>806.40</b>
Lab V1000 Set, 20 g diatomaceous earth	1000	12	4.684 182	<b>423.90</b>
Lab V1000 Set, 40 g diatomaceous earth	1000	12	4.684 183	<b>470.70</b>

## Sartolab® MultiStation booth



**SARTORIUS**

The specially designed stand allows simultaneous filtration of up to 6 vacuum filtration units. The stand is permanently connected to a vacuum source. The filtration unit is connected to the device with a single click; a second click automatically applies the vacuum. The rotatable, multidirectional head facilitates sample handling, and numbered brackets prevent confusion.

Type	PK	Cat. No.	Price GBP
Sartolab® MultiStation	1	4.685 399	<b>2,745.00</b>
Vacuum hose, silicone	1	4.685 400	<b>10.71</b>

Pipette controller accu-jet® S



- Precise volume adjustment
- Integrated parking position for parking



For precise pipetting of large and small volumes. The adjustable motor speed allows for switching between free flow and rapid blow-out of the liquid.

- One-hand operation
- For glass and plastic pipettes from 0.1 to 200 ml
- Precise volume setting
- Integrated rest position

Scope of supply:

Pipette controller accu-jet® S, nickel-metal hydride battery, universal adapter (100 - 240 V, 50/60 Hz), with adapters for UK/EU/AUS/US, wall support, 2 sterile spare membrane filters (0.2 µm)



Colour	Description	PK	Cat. No.	Price GBP
anthracite	with universal AC adapter	1	4.682 331	<b>427.46</b>
berry	with universal AC adapter	1	4.682 332	<b>427.46</b>
petrol	with universal AC adapter	1	4.682 333	<b>427.46</b>
amethyst	with universal AC adapter	1	4.682 334	<b>427.46</b>
anthracite	without universal AC adapter	1	9.281 073	<b>400.23</b>
berry	without universal AC adapter	1	9.281 070	<b>400.23</b>
petrol	without universal AC adapter	1	9.281 071	<b>400.23</b>
amethyst	without universal AC adapter	1	9.281 072	<b>400.23</b>

LLG-Serological pipettes, PS, sterile



All LLG serological pipettes are plugged, sterile, pyrogen-free and have an increased volume capacity through extra graduations.

- Also available as short-pipettes (5 ml, 10 ml and 25 ml) or wide-mouth pipette (10 ml)
- Single packed in easy-to-open plastic/paper packaging

Volume ml	Grad. ml	Colour code	PK	Cat. No.	Price GBP
1	1/100	yellow	500	9.380 440	<b>64.71</b>
2	1/50	green	500	9.380 441	<b>74.97</b>
5	1/10	blue	200	7.930 401	<b>42.21</b>
10	1/10	orange	200	6.268 240	<b>59.22</b>
10	1/10	orange (wide mouth)	200	9.380 442	<b>49.05</b>
25	2/10	red	150	7.930 403	<b>63.99</b>
50	5/10	purple	100	9.380 443	<b>64.62</b>
5	1/10	blue (short form)	200	6.265 881	<b>73.08</b>
10	2/10	orange (short form)	150	6.265 882	<b>73.08</b>
25	5/10	red (short form)	100	6.265 883	<b>65.97</b>

Fluid aspiration systems  
BioChem-VacuuCenter  
BVC control/professional



- With glass or PP bottle
- Easy to use
- Touch panel



BVC control G



BVC professional

The compact BioChem VacuuCenters offer the optimal solution for extracting liquid supernatants.

- With a powerful, chemical-resistant diaphragm pump.
- The BVC professional also has a contactless level sensor and self-closing quick couplings (4-litre PP bottle).
- Available with a vacuum-resistant, autoclavable 4-litre PP bottle or with a 2-litre borosilicate glass bottle (all types with a G' in the description) and prepared for the connection of a second suction handle.

Type	Dimensions (W x D x H) mm	PK	Cat. No.	Price GBP
BVC control	194 x 408 x 500	1	9.882 227	<b>1,746.00</b>
BVC control G	194 x 408 x 430	1	9.882 228	<b>1,836.00</b>
BVC professional	194 x 408 x 500	1	9.882 229	<b>2,299.50</b>
BVC professional G	194 x 408 x 430	1	9.882 230	<b>2,236.50</b>

Cell culture inserts for 6-well and 12-well plates



The BRAND Insert 2in1 is a cell culture insert used for skin model production, 3D epithelium cultures, chemotaxis analyses, transmigration assays, transport and polarity studies. BIO-CERT Cell culture: free of pyrogens, DNA, DNase/RNase, free of cytotoxic substances.

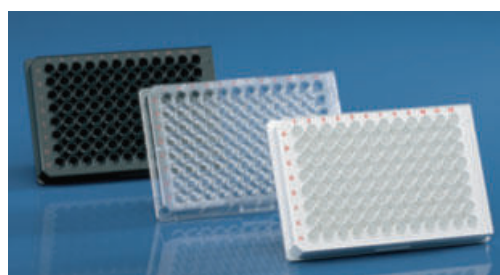


For	Membrane	Pore size µm	Package contents	PK	Cat. No.	Price GBP
6-well-plates	PC	0.4	24 x 1 pieces	24	4.666 325	<b>217.26</b>
12-well-plates	PC	0.4	48 x 1 pieces	48	4.666 317	<b>339.03</b>

Microplate, cellGrade™, sterile

For standard cell culture applications. Standard plate for cultivating adherent cell cultures. PS surface with various accessible chemical groups, such as carboxyl and hydroxyl groups.

Description	Bottom shape/ Well volume µl	PK	Cat. No.	Price GBP
96-well, transparent	U / 330	50	4.000 329	<b>134.82</b>
96-well, white	F / 350	50	4.000 333	<b>242.24</b>
96-well, white / transparent	F / 330	50	4.000 335	<b>592.65</b>
96-well, black / transparent	F / 330	50	4.000 336	<b>592.65</b>



## Digital burettes, VITLAB® continuous, GL 45



- Pulse-free dosing
- Recirculation valve



The continuous burette can be used for titration media up to a maximum concentration of 1 mol/l. The patented double piston pump provides the measuring solution continuously and without pulsation. Filling processes are not necessary. All operating elements and the digital display are ergonomic, functional and clearly arranged.

- Pulse-free dispensing technique for continuous and quick titration
- Patented recirculation valve avoids reagent waste
- Clear and precise display of titrated volume
- Battery-operated, easily replaceable micro-batteries (1.5 V)
- Dispensing volume by hand wheel revolution:  
2.5 ml (Continuous E), 5.0 ml (Continuous RS)
- The device can be rotated on the bottle 360°
- Telescopic discharge tube extendable from 140 to 220 mm
- Telescopic filling tube extendable from 200 to 350 mm
- Adapters for drying tubes and filters
- Certificate of conformity according to DIN 12600
- Accuracy and Coefficient of variation according to DIN EN ISO 8655-3

### Supplied with:

Burette continuous, 3 PP adapters (GL 32, GL 38, S 40), 1 telescopic suction tube, 1 telescopic discharge tube, 2 micro batteries 1.5 V (LR 03/AAA), manual, quality certificate.

Type	Capacity	Accuracy max. vol. (± R%)	Precision max. vol. (≤ CV%)	PK	Cat. No.	Price
	ml					GBP
E	2.5	0.2	0.1	1	9.284 020	<b>820.70</b>
RS	5.0	0.2	0.1	1	9.284 021	<b>820.70</b>

## Pipette rinser system



For easy and gentle cleaning of pipettes according to the suction lifter principle. A complete rinsing system consists of pipette washer, pipette soaking jar and pipette basket, please order separately. Heat resistant up to 105 °C, good chemical resistance.

**Pipette basket:** For holding pipettes up to 600 mm or burettes acc. to Mohr. The basket is equipped with a handle and a height-adjustable ring. The bottom of elastic PE reduces the risk of damage to the pipettes.

**Pipette soaking jar:** For pre-cleaning of the pipettes

**Pipette rinser:** For rinsing the pre-cleaned pipettes. The emptying siphon permits constant water exchange. The water inlet should be approx. 2 l/min.

Type	Diam. mm	Height mm	PK	Cat. No.	Price
					GBP
Pipette baskets	145	495 *	1	9.273 980	<b>60.08</b>
Pipette baskets	145	645 *	1	9.273 985	<b>64.37</b>
Pipette baskets	145	870 *	1	9.273 990	<b>96.08</b>
Pipette soaking jar	165	503	1	9.273 920	<b>144.50</b>
Pipette soaking jar	165	650	1	9.273 925	<b>144.50</b>
Pipette rinser	170	734	1	9.409 238	<b>311.08</b>
Pipette rinser	173	980	1	9.409 239	<b>326.20</b>

\* with handle

## Pipette sterilising boxes, square



Square section. Stackable. 18/10 stainless steel. With silicone pad in base and lid. Box W x D: 70 x 70 mm. Sterilisable up to 205 °C.

Diam. mm	Length mm	Effective length mm	PK	Cat. No.	Price
					GBP
70 x 70	210	202	1	9.010 781	<b>99.97</b>
70 x 70	290	282	1	9.010 782	<b>101.01</b>
70 x 70	340	332	1	9.010 783	<b>121.60</b>
70 x 70	435	427	1	9.010 784	<b>129.33</b>
70 x 70	490	482	1	9.010 785	<b>154.32</b>



- GLP pipette kits
- Includes pipette stand



### Single-channel microliter pipettes Finnpipette™ F1 GLP Kit



Thermo Scientific Finnpipette™ F1 GLP Kits include the Finnpipette F1 and everything you need for first-class pipetting. All Finnpipette™ F1 GLP Kits are complete pipetting systems and offer all the advantages of an F1 pipette, including an adjustable finger rest for maximum comfort, secure volume adjustment and an antimicrobial surface.

- Finnpipette™ F1 GLP Kit 1: incl. 1-10/10-100/100-1000 µl pipettes, 1x pipette stand, 3 racks with Finntip Flex tips
- Finnpipette™ F1 GLP Kit 2: incl. 0.2-2/2-20/20-200/100-1000 µl pipettes, 1x pipette stand, 4 racks with Finntip Flex tips
- Finnpipette™ F1 GLP Kit 3: incl. 10-100 µl/100-1000 µl/1-10 ml pipettes, 1x pipette stand, 2 racks with Finntip Flex tips and 1 rack with Finntip tips
- Finnpipette™ F1 GLP Kit 4: incl. 2-20/20-200/100-1000 µl pipettes, 1x pipette stand, 3 racks with Finntip Flex tips

Description	PK	Cat. No.	Price GBP
F1 GLP Kit 1	1	4.658 824	<b>780.30</b>
F1 GLP Kit 2	1	4.658 825	<b>939.60</b>
F1 GLP Kit 3	1	4.658 826	<b>792.90</b>
F1 GLP Kit 4	1	4.658 827	<b>780.30</b>

### Single channel microliter pipettes Finnpipette™ F2 GLP Kit



- Light and ultra comfortable pipetting
- Improved accuracy and precision
- Fully autoclavable
- 5 year warranty with web registration

- Finnpipette™ F2 GLP Kit 1: incl. 1-10/10-100/100-1000 µl pipettes, 1 F-Series stand, 3 racks of Finntip Flex tips
- Finnpipette™ F2 GLP Kit 2: incl. 0.2-2/2-20/20-200/100-1000 µl pipettes, 1 F-Series stand, 4 Racks of Finntip Flex tips
- Finnpipette™ F2 GLP Kit 3: incl. 10-100µl/100-1000 µl/1-10 ml pipettes, 1 F-Series Stand, 2 Racks of Finntip Flex tips and 1 Rack of Finntip tips
- Finnpipette™ F2 GLP Kit 4: incl. 2-20/20-200/100-1000 µl pipettes, 1 F-Series Stand, 3 Racks of Finntip Flex tips

Description	PK	Cat. No.	Price GBP
Finnpipette™ F2 GLP Kit 1	1	9.282 610	<b>738.90</b>
Finnpipette™ F2 GLP Kit 2	1	9.282 611	<b>909.90</b>
Finnpipette™ F2 GLP Kit 3	1	9.282 612	<b>753.30</b>
Finnpipette™ F2 GLP Kit 4	1	9.282 613	<b>738.90</b>

### Electronic single channel microliter pipettes Finnpipette™ Novus

- Index finger surgery
- Intuitive Programming
- Multilingual user interface
- 2 year warranty with web registration

- Finnpipette™ Novus GLP Kit 1: incl. 10-100/100-1000 µl pipette, 2x Novus stand, 2x Finntip Flex-Rack
- Finnpipette™ Novus GLP Kit 2: incl. 100-1000/500-5000 µl pipettes, 2x Novus stand, 2x Finntip Flex-Rack
- Finnpipette™ Novus GLP Kit 3: incl. 1-10/10-100/100-1000 µl pipettes, 3x Novus stand, 3x Finntip Flex-Rack
- Finnpipette™ Novus GLP Kit 4: incl. 10-100µl/100-1000 µl/1-10 ml pipettes, 3x Novus stand, 3x Finntip

Description	PK	Cat. No.	Price GBP
Finnpipette™ Novus GLP Kit 1	1	9.282 600	<b>1,212.30</b>
Finnpipette™ Novus GLP Kit 2	1	9.282 601	<b>1,212.30</b>
Finnpipette™ Novus GLP Kit 3	1	9.282 602	<b>1,512.90</b>
Finnpipette™ Novus GLP Kit 4	1	9.282 603	<b>1,520.10</b>



Cell Culture Flasks DURAN® TILT



The smart, reusable bottle system for cell culture media preparation. DURAN® TILT is perfectly designed for making work in biosafety cabinets and clean hoods safer and easier. The innovative features of the DURAN® TILT bottle changes everything. The TILT bottle has two positions: upright for filter sterilisation or storage, and tilted at 45° for pipetting. Manufactured from DURAN® borosilicate 3.3 glass for reusability and lower whole life costs.

Accessories please order separately.

Capacity	Height with cap	Thread	PK	Cat. No.	Price
ml	mm				GBP
500	151	GL 56	1	6.270 514	9.63

Accessories to Cell Culture Flasks DURAN® TILT



The DURAN® TILT Light Shield is a removable white silicone sleeve that covers 94% of the bottle surface. The sleeve blocks damage ultraviolet light, protects the glass surface from damage, and facilitates safer handling.

Description	PK	Cat. No.	Price
			GBP
Light Shield, white, silicone, with four GL 56 bottle tags	1	6.270 515	7.85
Membrane closure GL 56, PP white, for laboratory glass bottles pore size 0.2 µm	1	6.323 256	7.68

Laboratory Bottle system DURAN® YOUTILITY



- Specially shaped gripping zones on both sides of the bottle for easier and safer handling
- The slimmer YOUTILITY bottle shape allows more optimal use of limited space in autoclaves and laboratory refrigerators
- Each DURAN® YOUTILITY bottle is supplied as a complete system, with a pouring ring (cyan polypropylene) and a GL 45 cap (cyan polypropylene)

Capacity	Ext. diam.	Height	Colour	PK	Cat. No.	Price
ml	mm	mm				GBP
125	55	124	clear	4	9.071 679	33.52
250	66	158	clear	4	9.071 678	37.40
500	78	193	clear	4	9.071 677	46.55
1000	93	253	clear	4	9.071 676	65.74
125	55	124	amber	4	9.071 672	109.37
250	66	158	amber	4	9.071 673	151.31
500	78	193	amber	4	9.071 674	195.59
1000	93	253	amber	4	9.071 675	239.80

Beakers glass, DURAN®, low form



DIN 12331. ISO 3819. With graduation and spout. With trace code (batch identification), except 5, 10 and 25 ml. Certificate via the Internet.

Nominal capacity	Diam.	Height	PK	Cat. No.	Price
ml	mm	mm			GBP
5	22	30	1	9.013 007	5.83
10	26	35	1	9.013 008	6.59
25	34	50	1	9.013 014	5.65
50	42	60	1	9.013 017	5.43
100	50	70	1	9.013 024	5.36
150	60	80	1	9.013 029	5.65
250	70	95	1	9.013 036	5.84
600	90	125	1	9.013 048	8.69
1000	105	145	1	9.013 054	13.83
5000	170	270	1	9.013 073	74.14

## LLG-Erlenmeyer flasks, wide neck, borosilicate glass 3.3



New assortment



Ideal for mixing liquids.  
With white graduation.  
Acc. to DIN EN ISO 24450.

Nominal capacity ml	Neck diam. mm	Bottom diam. mm	Height mm	PK	Cat. No.	Price GBP
50	34	51	85	10	4.714 727	<b>22.14</b>
100	34	64	105	10	4.714 728	<b>17.55</b>
200 *	50	79	131	10	4.714 729	<b>26.73</b>
250	50	85	140	10	4.714 730	<b>20.25</b>
300 *	50	86	156	10	4.714 731	<b>22.32</b>
500	50	105	175	10	4.714 732	<b>27.27</b>
1000	50	131	220	10	4.714 733	<b>46.26</b>
2000	50	166	276	6	4.714 734	<b>49.95</b>

\* no DIN

## LLG-Erlenmeyer flasks, narrow neck, borosilicate glass 3.3



New assortment



Ideal for mixing liquids.  
With white graduation.  
Acc. to DIN ISO 1773.

Nominal capacity ml	Neck diam. mm	Bottom diam. mm	Height mm	PK	Cat. No.	Price GBP
50	22	51	90	10	4.714 735	<b>23.67</b>
100	22	64	105	10	4.714 736	<b>16.02</b>
200 *	34	79	131	10	4.714 737	<b>19.35</b>
250	34	85	145	10	4.714 738	<b>19.08</b>
300 *	34	87	156	10	4.714 739	<b>20.88</b>
500	34	105	180	10	4.714 740	<b>23.94</b>
1000	42	131	220	10	4.714 741	<b>43.02</b>
2000	50	166	280	6	4.714 742	<b>60.21</b>

\* no DIN

## Separating funnels, conical, borosilicate glass 3.3

**ISOLAB**  
Laborgeräte GmbH



Graduated. Supplied with PTFE stopcock. With PE conical stopper.

- ISO 4800
- NS necks according to DIN 12242 standard

Capacity ml	Bore mm	NS	PK	Cat. No.	Price GBP
50	2.5	19/26	1	4.008 427	<b>66.51</b>
100	2.5	19/26	1	6.241 980	<b>46.89</b>
250	4.0	29/32	1	6.241 671	<b>52.38</b>
500	4.0	29/32	1	6.241 981	<b>62.73</b>
1000	6.0	29/32	1	6.244 011	<b>89.37</b>
2000	6.0	29/32	1	6.242 394	<b>125.37</b>

## LLG-Round bottom flasks with standard ground joint, borosilicate glass 3.3



With standard ground joint and white inscription.  
Acc. to DIN ISO 4797.

Capacity ml	Ground size NS	Height mm	PK	Cat. No.	Price GBP
50	29/32	90	2	4.686 129	<b>12.42</b>
100	29/32	105	2	4.686 133	<b>12.78</b>
250	29/32	140	2	4.686 134	<b>14.76</b>
500	29/32	163	2	4.686 138	<b>22.68</b>
1000	29/32	200	1	4.686 141	<b>16.65</b>
2000	29/32	240	1	4.686 143	<b>29.88</b>

## LLG bottle carriers, wire/nylon



Robust bottle carrier made of wire with white nylon coating. Suitable for safe and easy transport of laboratory bottles.

For bottles	Diam.	PK	Cat. No.	Price
	mm			GBP
1000	100	1	4.711 537	<b>98.10</b>
2000	130	1	4.711 538	<b>107.10</b>

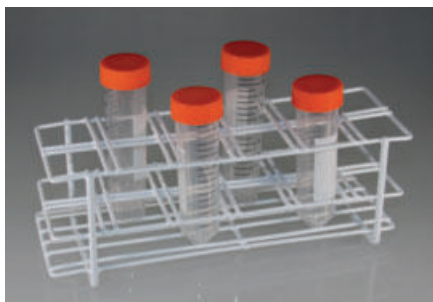
## LLG test tube racks, wire/nylon



With white nylon cover. The second mesh grid ensures optimal support.

Array	Top diam.	Dimensions (W x D x H)	PK	Cat. No.	Price
	mm	mm			GBP
12	18	54 x 130 x 70	1	4.711 542	<b>16.11</b>
48	18	94 x 248 x 70	1	4.711 544	<b>24.21</b>
100	18	208 x 215 x 70	1	4.711 549	<b>30.51</b>

## LLG-Test tube rack, wire with epoxy powder coating



The second grid provides an optimal hold.

Array	Top diam.	Dimensions (W x D x H)	PK	Cat. No.	Price
	mm	mm			GBP
24	18	95 x 130 x 70	1	4.685 044	<b>16.92</b>
12	30	85 x 235 x 80	1	4.685 045	<b>34.02</b>

## Acid cap bottles, DURAN®



- Conical shoulders
- With NS pennyhead stopper and interchangeable glass cap
- Glass type I/neutral glass as per USP, EP and JP
- Autoclavable

Capacity	Diam.	Height	NS	PK	Cat. No.	Price
ml	mm	mm				GBP
1000	109	260	29/32	1	9.072 424	<b>136.87</b>

## Absorbent, oil and chemical binder FastSorb 4.0



TÜV certified



FastSorb 4.0 is a spreadable absorbent agent for a rapid binding of hazardous liquids.

- Tested by TÜV Rheinland according to the BAM test method
- Occupational health and environmental safety absorbent

Description	PK	Cat. No.	Price
			GBP
1500 g Quick binder for mineral oil and chemicals	1	4.664 658	<b>61.65</b>
Wall bracket incl. Handbrush, with rubber bristles, shovel, plastic bag and mounting kit, without FastSorb 4.0	1	4.664 660	<b>105.03</b>

## Trays, stainless steel



- Stainless steel V2A
- Smooth surface
- Easy to clean

External dimensions (W x D x H)	PK	Cat. No.	Price
mm			GBP
280 x 180 x 20	1	4.684 534	<b>17.87</b>
310 x 215 x 16	1	6.494 996	<b>27.14</b>
330 x 230 x 20	1	4.684 535	<b>20.88</b>
460 x 300 x 20	1	4.684 536	<b>33.62</b>
520 x 395 x 20	1	4.684 537	<b>43.25</b>

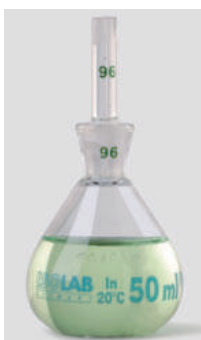
## Pycnometers



According to ISO 2811,  
DIN 53 217,  
ASTM D1475.

Capacity ml	Material	PK	Cat. No.	Price GBP
100	Stainless steel	1	6.223 204	<b>346.82</b>
50	Stainless steel	1	6.205 559	<b>347.76</b>

## Pycnometers, Borosilicate glass 3.3, calibrated



ISO 3507. Individually calibrated to contain (In) to 0.001 ml. Net volume capacity is engraved on the body. Each bottle is calibrated together with its stopper. In order to differentiate easily, both the body and the stopper have the same code numbers printed on them.

Capacity ml	PK	Cat. No.	Price GBP
5	1	4.008 327	<b>21.24</b>
10	1	6.241 602	<b>21.60</b>
25	1	4.008 328	<b>22.41</b>
50	1	6.241 603	<b>25.56</b>
100	1	4.008 329	<b>33.75</b>

## Viewdepth disk



The viewdepth disk is made of robust plastic for quick and easy determination of the depth of visibility. Easy lowering due to 23 holes and an attached weight. Incl. ring for attaching the cord.  
Dimensions: 200 x 200 mm

Marked cord for the viewdepth disk, 5 m: First meter with marks at every 5 cm, after that markings at every 20 cm

**Please order the disk and the cord separately.**

Description	PK	Cat. No.	Price GBP
Viewdepth disk, white	1	6.292 110	<b>61.38</b>
Marked cord, 5 m	1	6.292 112	<b>55.17</b>

## Density meters DMA 35



- Portable
- 10 programmable parameters



Portable, digital measuring device for the determination of density, relative density and concentration. DMA 35 EX and DMA 35 EX Petrol are certified according to ATEX for applications in hazardous environments.

- On-site measurements for fast reactions
- Sample filling via manual filling pump or syringe
- Viscosity correction for measurements also on highly viscous samples
- Measuring of density, relative density, alcohol concentration, sugar/extraction concentration, API functions, H<sub>2</sub>SO<sub>4</sub> concentration, ten programmable custom-specific measuring units
- Robust case with exchangeable cell
- 3-year warranty

**Scope of supply:** Density meter, filling tube, adapter for syringe filling, syringes, transportation case, rubber protection for measuring cell, 3 x batteries, allen key, instructions.

**Specification**

Density range:	0 ... 3 g/cm <sup>3</sup>
Resolution:	0.0001 g/cm <sup>3</sup>
Accuracy:	±0.001 g/cm <sup>3</sup>
Sample temperature range:	0 ... 100 °C
Temperature measurement range:	0 ... 40 °C
Sample volume:	2 ml
Data memory:	1024 measurement results, 250 sample IDs, 30 measuring methods
Display:	Coloured LCD, self-rotating
Interfaces:	Bluetooth®, RFID
Dimensions (W x D x H):	103 x 245 x 126 mm
Weight:	660 g
Power supply:	3 x AA batteries, 1.5 V
IP code:	IP 54

Type	PK	Cat. No.	Price GBP
DMA 35 Basic	1	6.316 041	<b>2,367.00</b>
DMA 35 Standard	1	6.313 803	<b>3,069.00</b>
DMA 35 EX	1	6.313 804	<b>3,666.60</b>
DMA 35 EX Petrol	1	6.313 805	<b>3,666.60</b>

## HPLC starter kit, GreenLine, GL45, for PFAS analysis



- Core made of PEEK
- PFAS-free

For the safe withdrawal of solvents. Screw caps, with movable insert, with fittings for capillaries and an air valve, with change indicator. For PFAS analysis of polyfluorinated chemicals according to DIN 38407-42/ DIN 38414-14.

- Complete set for up to 4 storage bottles
- Suitable for all current HPLC systems

Type	PK	Cat. No.	Price GBP
HPLC Starter Kit I	1	4.715 021	<b>266.49</b>
HPLC Starter Kit II	1	4.715 022	<b>287.10</b>
HPLC Starter Kit III	1	4.715 023	<b>300.78</b>

## Exhaust Filter, GL 14, PP



Lid with integrated ventilation openings and service life indicator. The filling of activated carbon is protected by two porous membranes made of PE.

Type	Life time	PK	Cat. No.	Price GBP
SMALL	3 months	2	6.313 839	<b>76.46</b>
MEDIUM	6 months	2	6.313 840	<b>126.95</b>
LARGE	12 months	2	6.313 841	<b>162.50</b>

## Syringes for GC autosampler

### CTC/Thermo

Syringes for CTC Analytics CombiPal and GC PAL.

- With fixed or removable needle
- Two different needle diameters (needle tip: cone)
- High reproducibility, low carry over

Capacity µl	Needle length mm	Gauge (OD) mm	Needle Type	PK	Cat. No.	Price GBP
25 (Gas light)	50	23 (0.63)	fixed	1	7.628 136	<b>104.13</b>

### Shimadzu

For Shimadzu AOC-14, AOC-17, AOC-20 and AOC-20i. Needle tip: cone.

Capacity µl	Needle Type	Gauge (OD) mm	Needle length mm	PK	Cat. No.	Price GBP
10.0	with	23 (0.63)	42	1	6.205 988	<b>95.13</b>



### Perkin-Elmer

GC syringes for all Perkin-Elmer autosamplers and Clarus.

- With fixed or removable needle
- Two different needle diameters
- All needles are 70 mm long with a cone point style
- High reproducibility, low carry over.

Capacity µl	Needle length mm	Gauge (OD) mm	Needle Type	PK	Cat. No.	Price GBP
5 (Gas tight)	70	23 (0.63)	fixed	1	6.204 955	<b>114.48</b>

Nominal capacity µl	Needle Type	Gauge	Point style	PK	Cat. No.	Price GBP
10	firmly	26	oblique	1	6.328 125	<b>37.53</b>
50	firmly	23 (0.63)	conical	1	6.490 100	<b>116.82</b>

## Capillary columns

### GC BPX5

5% Phenyl Polysilphenylene-siloxane. General purpose GC column for routine gas chromatographic analysis. Suitable replacement for: DB-5, DB-5ms, DB-5.625, DB-5ms, DB-5.625, XTI-5, Rtx-5ms, Ultra-2, HP-5, HP-5MS, HP5-TA, SPB-5, MDN-5S, CP-Sil8CB, Rxt-Sil 5MS, AT-5ms, VB-5, ZB-5, VF-5ms.

Int. diam. mm	Length m	Film thickness µm	PK	Cat. No.	Price GBP
0.32	12	1.00	1	7.635 438	<b>491.22</b>
0.53	25	0.25	1	6.313 876	<b>827.10</b>



### HT8

8% Phenyl Polycarborane-siloxane.

Int. diam. mm	Length m	Film thickness µm	PK	Cat. No.	Price GBP
0.25	30	0.25	1	6.207 027	<b>777.60</b>

### GC BPX90

90% Cyanopropyl Polysilphenylene-siloxane.

Int. diam. mm	Length m	Film thickness µm	PK	Cat. No.	Price GBP
0.25	60	0.25	1	6.225 162	<b>1,367.82</b>



Standard separating chamber



Flat chamber floor with glass ridge, for all TLC plates up to 200 mm x 200 mm. Filter paper for gas space saturation to optimise the separation results is available.

Other separating chambers available on request.

Type	PK	Cat. No.	Price GBP
Separating chamber 200 x 200 mm with glass lid	1	6.311 891	<b>285.12</b>

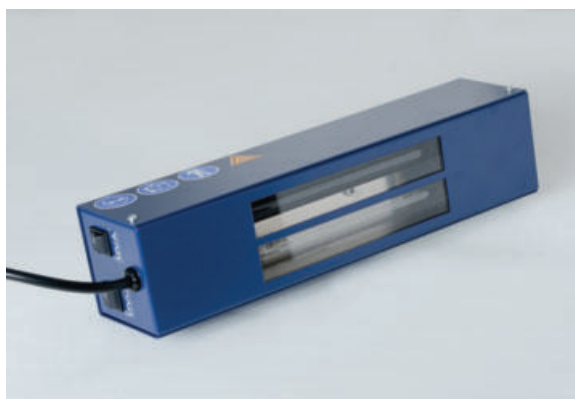
SIL G unmodified standard silica layers for TLC, glass plates / POLYGRAM®



Substrate materials for DC finished layers  
 POLYGRAM®: Polyester, approx. 0.2 mm thick, max. 185° temperature stability, unbreakable, can be cut.  
 ALUGRAM®: aluminium, approx. 0.15 mm thick, high temperature stability, unbreakable, can be cut.

- Silica gel 60
- Specific surface area (BET) ~500 m<sup>2</sup>/g
- Average pore size 60 Å
- Specific pore volume 0.75 ml/g
- Particle size 5 to 17 µm
- DC layer: 0.2 mm
- Indicators: manganese-activated zinc silicate with green fluorescence in short-wave UV light (254 nm)
- Available with and without fluorescence indicator (UV 254)

UV analysis lamp



2 x 6 W Analysis lamp with two separately switchable UV tubes of high radiation intensity. The UVA tube produces long-wave radiation at 365 nm, and the UVC tube short-wave radiation at 254 nm.

Please order table stand separately.

Type	Plug type	PK	Cat. No.	Price GBP
UV analysis lamp	EU	1	4.690 306	<b>377.10</b>
UV analysis lamp	UK	1	6.325 683	<b>383.27</b>
Table stand	-	1	4.690 307	<b>48.60</b>

Type	Plate format cm	PK	Cat. No.	Price GBP
POLYGRAM® SIL G	4 x 8	50	4.004 825	<b>37.08</b>
POLYGRAM® SIL G UV <sub>254</sub>	4 x 8	50	9.003 493	<b>37.08</b>
POLYGRAM® SIL G	20 x 20	25	6.202 190	<b>136.80</b>
POLYGRAM® SIL G UV <sub>254</sub>	20 x 20	25	9.003 494	<b>136.80</b>
ALUGRAM® SIL G UV <sub>254</sub>	2.5 x 7.5	200	4.005 043	<b>137.70</b>
ALUGRAM® SIL G UV <sub>254</sub>	4 x 8	50	9.003 496	<b>37.08</b>
ALUGRAM® SIL G	5 x 7.5	20	4.005 042	<b>24.57</b>
ALUGRAM® SIL G UV <sub>254</sub>	5 x 7.5	20	6.227 948	<b>24.57</b>
ALUGRAM® SIL G	5 x 10	50	6.802 883	<b>56.43</b>
ALUGRAM® SIL G UV <sub>254</sub>	5 x 10	50	9.003 477	<b>56.43</b>
ALUGRAM® SIL G	5 x 20	50	7.084 918	<b>74.34</b>
ALUGRAM® SIL G	10 x 20	20	4.005 052	<b>65.25</b>
ALUGRAM® SIL G UV <sub>254</sub>	10 x 20	20	6.233 568	<b>65.25</b>
ALUGRAM® SIL G	20 x 20	25	7.059 745	<b>136.80</b>
ALUGRAM® SIL G UV <sub>254</sub>	20 x 20	25	9.003 497	<b>136.80</b>
ALUGRAM® Xtra SIL G UV <sub>254</sub>	4 x 8	50	6.259 756	<b>37.08</b>
ALUGRAM® Xtra SIL G UV <sub>254</sub>	5 x 10	50	7.638 354	<b>56.43</b>
ALUGRAM® Xtra SIL G UV <sub>254</sub>	20 x 20	25	6.242 312	<b>136.80</b>
ALUGRAM® Xtra SIL G	20 x 20	25	9.003 465	<b>136.80</b>

Special atomiser, with rubber blowball



With rubber blowball for nebulising reagents. Can be connected to other compressed air supplies.

Type	PK	Cat. No.	Price GBP
Special atomiser	1	9.024 000	<b>99.79</b>

## Flake ice maker AF series, with reservoir



- Including UV lamp
- Air-cooled



Manufactured in accordance with DIN ISO 9001. For producing solid, saturated ice flakes from hygienically safe ice at a temperature of 0.5 °C. The integrated UV lamp reduces the presence of bacteria and viruses in the machine and in the water circuit.

- Housing made of stainless steel
- Special material in the interior with antimicrobial properties
- Air-cooled condenser system
- Electronic control of the ice temperature
- Filter cleaning notification
- Ergonomic access to ice through sliding door facilitates work
- Built-in reservoir allows under-counter installation

Type	Capacity	Dimensions (W x D x H)	PK	Cat. No.	Price
	kg	mm			GBP
AF 87 XSafe	25	535 x 620 x 890	1	6.493 145	<b>3,670.20</b>
AF 107 XSafe	30	592 x 622 x 1,078	1	6.327 265	<b>4,232.70</b>
AF 126 XSafe	40	950 x 605 x 872	1	6.328 095	<b>4,496.40</b>

## Measuring scoops, PP



White measuring scoops which are also suitable as weighing scoops. With precision formed filling edge and comfortable, stable handle. Easily readable volume quantities on the upper side of the handle. Food-safe product according to regulation (EU) No. 10/2011.

Capacity	Length	PK	Cat. No.	Price
ml	mm			GBP
250	260	6	4.678 198	<b>20.41</b>
250	315	6	4.678 197	<b>28.73</b>
1000	385	6	9.201 050	<b>34.61</b>

## LLG cryotubes, PP, sterile



With star shape in the screw cap, for automated capper/decapper. Temperature resistant down to -196 °C.

**Not appropriate for operations in liquid nitrogen.**

With marking area, fill line and graduations printed on the vial.

Safe and precise handling of biotechnology materials.

Bar code printed on each tube. DNase/RNase free.

Vials and caps are autoclavable at 121 °C.

### Homogeneous conception:

- All made from polypropylene
- Single body, single turn screw cap

Printed graduations for accurate measurements.

Large white area for writing specimen identification. Sterile.

Packed in 2 bags of 50 tubes.

Description	Capacity	Ext. diam.	Height	PK	Cat. No.	Price
	ml	mm	mm			GBP
Self-standing	1.2	12.6	40.2	100	9.401 160	<b>35.73</b>
Self-standing	1.2	12.6	40.2	100	9.401 161	<b>35.73</b>
Self-standing	2.0	12.6	45.6	100	9.401 162	<b>35.73</b>
Self-standing	2.0	12.6	48.2	100	9.401 163	<b>35.91</b>
Without ring	2.0	12.6	44.5	100	9.401 164	<b>35.73</b>
Without ring	2.0	12.6	47.0	100	9.401 165	<b>35.73</b>
Self-standing	5.0	12.6	87.6	100	9.401 166	<b>35.73</b>
Without ring	5.0	12.6	89.2	100	9.401 167	<b>35.73</b>
Self-standing	5.0	12.6	90.3	100	9.401 168	<b>35.73</b>

## Insert cap disks for LLG cryotubes, PP



Cap disk with star-shaped insert. For colour coding of cryotubes and quick identification of the samples.

Colour	PK	Cat. No.	Price
			GBP
Blue	1000	9.401 170	<b>26.37</b>
White	1000	9.401 171	<b>26.37</b>
Yellow	1000	9.401 172	<b>26.37</b>
Pink	1000	9.401 173	<b>26.37</b>
Red	1000	9.401 174	<b>26.37</b>
Green	1000	9.401 175	<b>26.37</b>

## Dry block heater system ECODRYBlock



- Wide range of blocks
- Flexible with 2 heating modules
- Independent temperature and time settings



ECODryBlock is a digital, modular block thermostat for precise sample heating. The ControlPad can control up to two heating modules, each with space for two aluminium blocks. Different temperatures and times can be set for each heating module.

- Capacitive 7" touchscreen with glass surface
- User-friendly interface for quick parameter setting and intuitive operation
- Hot plate icon lights up when the temperature exceeds 50 °C
- Timer adjustable from 1 min to 99 h 59 min
- 2 timer settings selectable: Snap (timer countdown starts as soon as the analysis is started), Setpoint (timer countdown starts when the temperature setpoint is reached)
- 2 temperature control settings selectable: Fine (optimised temperature control for minimal overshoot), Fast (rapid temperature rise)
- Large selection of interchangeable aluminium blocks for different vessels
- Optional lid minimises heat loss and temperature differences
- Optional PT1000 sensor (4.688 315) enables direct measurement and control of the sample temperature

**Scope of delivery:** Heating module, ControlPad

Type	PK	Cat. No.	Price GBP
ECODRYBlock System	1	4.715 056	<b>684.00</b>
ECODRYBlock, without ControlPad	1	4.715 059	<b>450.00</b>

## Hotplates C-MAG HP 7/C-MAG HP 10



C-MAG HP 10

Made of glass ceramic, which is characterised by excellent chemical resistance.

- Fixed safety circuit of 550 °C
- Hot top indicator: warning when the surface is hot to protect against burns!
- Precise temperature setting via digital display (LED)
- Error code display in case of malfunction
- Raised control panel to protect against spilled liquids
- DIN socket 12878 for connecting an electronic contact thermometer, e.g., ETS-D5, for high-precision temperature control (optional)

### Specifications

#### Heating function

Temperature display:	digital
Heat output:	
C-MAG HP 7:	1000 W
C-MAG HP 10:	1500 W
Heating rate (1 litre H <sub>2</sub> O):	5 K/min
Temperature range:	50 to 500 °C
Adjustment accuracy:	±10 K
Safety circuit fixed:	550 °C

#### Heating plate

Dimensions:	
C-MAG HP 7:	180 x 180 mm
C-MAG HP 10:	260 x 260 mm

Type	Dimensions (W x D x H) mm	Plug type	PK	Cat. No.	Price GBP
C-MAG HP 7	220 x 330 x 105	EU	1	9.720 497	<b>667.80</b>
C-MAG HP 7	220 x 330 x 105	UK	1	4.008 098	<b>667.80</b>
C-MAG HP 7	220 x 330 x 105	CH	1	4.008 099	<b>667.80</b>
C-MAG HP 10	300 x 415 x 105	EU	1	9.720 498	<b>911.70</b>
C-MAG HP 10	300 x 415 x 105	UK	1	4.008 100	<b>911.70</b>
C-MAG HP 10	300 x 415 x 105	CH	1	4.008 101	<b>911.70</b>

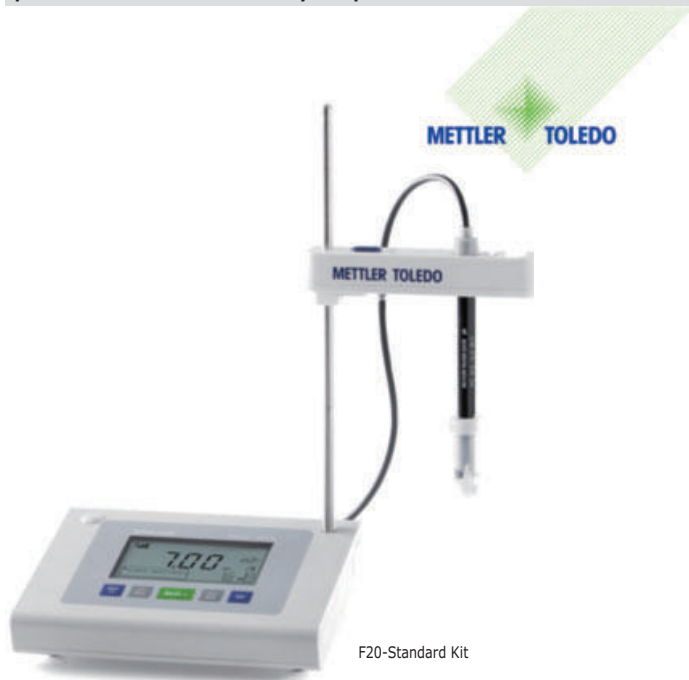
## Blocks for dry block heater ECODRYBlock



Interchangeable Aluminium blocks ensure optimal thermal conductivity, uniform heating and easy cleaning for temperature control of microcentrifuge tubes. Each block has a special borehole for mounting an external Pt1000 sensor (4.688 315).

Type	For tubes	PK	Cat. No.	Price GBP
MCT-W20-V015-B	Reaction vessels 1.5 ml	1	4.715 072	<b>120.29</b>
MCT-W20-V020-A	Eppendorf Tubes® 2.0 ml	1	4.715 073	<b>120.29</b>
CCT-W12-V150-A	Centrifuge tubes, 15 ml	1	4.715 075	<b>120.29</b>
CCT-W05-V500-A	Centrifuge tubes, 50 ml	1	4.715 076	<b>120.29</b>
STT-W14-COMBO	Reaction vessels 6 / 12 / 13 / 25 ml	1	4.715 077	<b>120.29</b>
CCT-W09-COMBO	Centrifuge tubes 1.5 / 15 / 50 ml	1	4.715 078	<b>120.29</b>
MCT-W21-COMBO	Centrifuge tubes 0.5 / 1.5 / 2.0 ml	1	4.715 079	<b>120.29</b>
VLS-W20-D120-A	Vials, Ø 12 mm	1	4.715 080	<b>120.29</b>
VLS-W08-D230-A	Vials, Ø 23 mm	1	4.715 086	<b>120.29</b>
PCR-W64-V002-A	PCR vessels	1	4.715 089	<b>120.29</b>
PCR-W80-V002-A	PCR strips	1	4.715 090	<b>120.29</b>
PCR-W96-V002-A	PCR plates	1	4.715 091	<b>120.29</b>

## pH meter FiveEasy™ pH F20



F20-Standard Kit

- Large, easy to read and easy to understand display with all information visible at a glance
- Five self-explanatory buttons make operation simple and easy
- Electrode arm extension pole included

### Scope of supply:

**F20-Meter:** Meter with CD operating instructions, QuickGuide, declaration of conformity, test certificate, power supply

**F20-Standard:** as F20-Meter, plus plastic LE438 3-in-1 pH electrode, 1 each x 4.01 pH, 7.00 pH, 9.21 pH buffer sachets

### Specifications

#### Measuring range

pH:	0.00 ... 14.00
mV:	-2000 ... 2000 mV (±1 mV)
Temperature:	0 ... 100 °C (0.5 °C)
Input:	BNC, RCA (NTC 30 kΩ)
Temperature compensation:	ATC and MTC
Power supply:	100 ... 240 V/50 ... 60 Hz/12 V DC
Calibration:	3 points, linear, 4 predefined buffer groups

Type	PK	Cat. No.	Price GBP
F20 meters	1	6.280 100	<b>567.00</b>
F20 Standard Kit	1	6.280 101	<b>742.50</b>

## LLG-Electrolyte solutions, KCl



Potassium chloride electrolyte for pH electrodes. Filling solution for reference electrolyte.

Type	Capacity ml	PK	Cat. No.	Price GBP
3 mol/l	1000	1	9.041 370	<b>25.38</b>
3 mol/l	250	1	9.041 371	<b>14.94</b>
3 mol/l, (AgCl saturated)	250	1	9.041 372	<b>18.45</b>

## pH Tester LLG-pH Pen



**Cost efficient pH tester**, ideal for testing small amounts of liquid and in narrow vessels.

- ATC from 0 °C to 50 °C
- Large, easy-to-read LCD display
- **3-point calibration**
- Batteries (2 x 3 V CR2032) please order separately

### Specifications

pH Measuring range:	0 ... 14
pH Accuracy:	±0.1
pH resolution:	±0.1
IP code:	IP 65
Warranty:	2 years

Type	PK	Cat. No.	Price GBP
LLG-pH Pen	1	6.263 690	<b>41.76</b>

## LLG-Universal indicator paper, rolls



For the determination of pH values. Plastic dispensing reel with 1 roll of 5m.

Range pH	Description	PK	Cat. No.	Price GBP
1 ... 14	Can with 1 roll, 5 m	10	4.667 570	<b>83.97</b>
1 ... 11	Can with 1 roll, 5 m	10	4.667 572	<b>83.97</b>
1 ... 11	Refill packs with 3 rolls	3	9.129 801	<b>16.38</b>
1 ... 14	Refill packs with 3 rolls	3	9.129 803	<b>15.57</b>

## pH buffer solutions



Technical, NIST/DIN and certified buffer solutions for calibrating pH electrodes.  
Tolerance: ±0.02 pH

pH-value at 25 °C	Capacity ml	PK	Cat. No.	Price GBP
4.01	250	1	9.041 844	<b>22.68</b>
4.01	250	6	9.041 854	<b>81.97</b>
7.00	250	1	9.041 847	<b>22.68</b>
7.00	250	6	9.041 857	<b>81.97</b>
9.21	250	1	9.041 849	<b>22.68</b>
9.21	250	6	9.041 859	<b>81.97</b>
10.00	250	1	9.041 850	<b>22.68</b>
10.00	250	6	9.041 860	<b>81.97</b>



### IDS pH electrodes SenTix® 940



Low-maintenance pH combination electrodes with plastic shaft and gel electrolyte, with built-in temperature sensor. Cable length 1.5 m, SenTix® 940-3 with 3 m cable.

**Specifications**

Temperature range: 0 ... 80 °C  
 pH range: 0 ... 14 pH  
 Length/diam.: 120 mm/12 mm

Type	PK	Cat. No.	Price GBP
SenTix® 940	1	6.240 824	<b>264.60</b>
SenTix® 940-3	1	6.239 769	<b>298.80</b>

### IDS pH electrodes SenTix® 980



Precision pH electrodes with glass shaft and liquid electrolyte KCl 3 mol/l Ag+ free, with built-in temperature sensor NTC 30 kOhm. Cable length 1.5 m.

**Specifications**

Temperature range: 0 ... 100 °C  
 pH range: 0 ... 14 pH  
 Length/diam.: 120 mm/12 mm

Type	PK	Cat. No.	Price GBP
SenTix® 980	1	6.238 921	<b>298.80</b>

### Optical IDS DO Sensor FDO® 925



Optical IDS DO sensor for portable MultiLine® IDS and InoLab® Multi IDS benchtop meters. Factory calibrated membrane with smart chip. Built-in NTC 30 kOhm temperature sensor.

**Specifications**

Temperature range: 0 ... 50.0 °C ±0.2 °C  
 DO concentration: 0.00 ... 20.00 mg/l ±0.5% of value  
 DO saturation: 0.0 ... 200.0% ±0.5% of value  
 Partial pressure: 0.0 ... 400 hPa ±0.5% of value  
 Shaft length/diameter: 150 mm/15.3 mm

Type	Description	PK	Cat. No.	Price GBP
FDO® 925	1.5 m fixed cable	1	6.238 174	<b>1,008.00</b>

### Multiparameter meters MultiLine® 3620 IDS



The Multi 3620 IDS with two universal measuring channels works with all WTW IDS pH, ORP, dissolved oxygen sensors, conductivity measuring cells and turbidity sensors, whether connected by cable or wirelessly via a radio connection. Radio-ready, colour graphic display, 2 field-ready waterproof USB interfaces.

**Multi IDS:** Single device in carrying case with guide, CD-ROM and rechargeable batteries, driver software for USB, cable, plug-in power supply

**Multi 3620 IDS SET C:** Device in carrying case with IDS sensors (SenTix® 940 digital pH sensor, TetraCon® 925 digital conductivity measuring cell), QSC kit, buffers 4 and 7, conductivity standard, tripod, beaker, CD-ROM, rechargeable batteries, cable, plug-in power supply, SM Pro armouring

**Multi 3620 IDS SET G:** Device in large field case with IDS sensors (digital pH sensor SenTix® 940-3, optical oxygen sensor FDO® 925-3, digital conductivity measuring cell TetraCon® 925-3), QSC kit, tripod, beaker, buffers 4 and 7, conductivity standard, CD-ROM, rechargeable batteries, cable, plug-in power supply, armouring SM Pro

**Specifications**

Data storage: manual: 500 data records  
 Dimensions (W x D x H): approx. 180 x 80 x 55 mm  
 Protection class: IP 67

Type	Description	PK	Cat. No.	Price GBP
3620	2 channels, meter only	1	6.282 919	<b>1,450.80</b>
3620 SET C	2 channels, with SenTix® 940, TetraCon® 925	1	6.270 419	<b>2,224.80</b>
3620 SET G	2 channels, with SenTix® 940, FDO® 925-3, TetraCon® 925-3	1	6.283 708	<b>3,034.80</b>

### IDS conductivity cell probes



Intelligent digital 4-pole cell with integral temperature sensor. Cable length 1.5 meters. Measuring range: 1 µS/cm to 2 S/cm.

Type	Length mm	Electrode	PK	Cat. No.	Price GBP
TetraCon® 925	120	Graphite	1	7.653 077	<b>575.10</b>

## LLG-Disposable Gloves, *standard*, Nitrile, Powder-Free

EN ISO 374-1 Type B EN ISO 374-5 EN 421 EN 420



Disposable protective glove in nitrile with enhanced comfort in use and greater chemical protection - the standard glove for the laboratory.

- Tried and tested quality product made of nitrile
- Excellent resistance to skin irritants in foodstuffs
- More resilience through special formulation
- For single use in applications with an increased need for safety when handling chemicals
- Free from phthalates/softeners and allergenic latex proteins
- Easy to don and particularly skin-friendly through special finishing process
- Colour blue - suitable for areas subject to HACCP standards
- Cat. III Low Chemical resistant. AQL 1.5.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling.

You can find the appropriate compatibility list on [www.llg-labware.com](http://www.llg-labware.com) in the Downloads section.

Glove shape:	flat with rolled edge (ambidextrous)
Material:	nitrile
Colour:	blue
Outside:	textured
Inside:	powder-free halogenated
Size/total length:	S, M, L, XL / med. 240 mm
Thickness (measured in double layer):	0.16 mm

Size	PK	Cat. No.	Price GBP
S	100	9.006 375	15.21
M	100	9.006 376	15.21
L	100	9.006 377	15.21
XL	90	9.006 378	15.21

## Hand Protectors Hot Hand®



Made of thick-walled silicone. Safe, non-slip protection against very hot or cold surfaces. Measures 10 x 19 cm with durable silicone rubber construction that remains flexible from -57 °C to +260 °C. End pockets accept thumb and fingers to grasp objects. Mitts have multiple studs with concave tips thus providing secure grip on virtually all hot/cold surfaces.

Dimensions: 10 x 19 cm.

Type	PK	Cat. No.	Price GBP
Hot Hand®	1	9.119 900	48.93

## Chemical Protection Glove Butoflex 650

EN 388 EN ISO 374-1 Type A EN ISO 374-5



Flexible chemical protection glove made of butyl rubber with bonded cotton inner knit and special grip profile, serrated cuff:

- Provides protection against extremely hazardous chemicals such as highly corrosive acids, esters, ketones, amine derivatives
- Gas impermeable
- High flexibility and dexterity
- Very comfortable to wear
- Very good grip
- Good ozone, UV and temperature resistance

Pack of 1 pair.

Length:	350 mm
Thickness:	1.5 mm
Colour:	black
EN:	Cat. III

Size	PK	Cat. No.	Price GBP
7	1	6.255 225	55.05
8	1	6.241 351	55.05
9	1	6.285 462	55.05
10	1	6.285 460	55.05
11	1	6.285 461	55.05

## LLG glove dispenser, coated wire



Nylon coated glove dispenser, including wall mounting materials

- For 3 boxes, can be filled from above or from the front
- For 1 box, can be filled from the side

No. of boxes	Filling	PK	Cat. No.	Price GBP
1	from the side	1	4.711 548	21.51
3	from above	1	4.711 539	35.10
3	from the front	1	4.711 540	38.70

### Safety Eyeshields uvex super fit 9178



- Professional protection of products and humans
- Innovative design for maximum functionality and wearer comfort
- Non-allergenic material which is free of harmful substances
- Ultra-thin wraparound lens
- Coating uvex supravision excellence
- Lightest safety spectacle in the world
- DIN EN 166 + DIN EN 170
- UV 400
- Weight 21 g

Type	PK	Cat. No.	Price GBP
uvex super fit 9178	1	6.291 086	<b>26.93</b>

### Ear Defender uvex K1



Soft memory foam cushions are light and extremely comfortable to wear.

- Easy length adjustment
- Padded headband for optimal comfort
- Wearer comfort is ensured through soft surface
- Designed to be lightweight with a small capsule

Sound protection (SNR): 28 dB(A)

Type	PK	Cat. No.	Price GBP
uvex K1	1	6.270 939	<b>56.19</b>

### LLG Disposable Bouffant Caps, PP



PP nonwoven 10 g/m<sup>2</sup>, universal fit Ø 52 cm, with all-around elastic, latex-free

Colour	PK	Cat. No.	Price GBP
green	100	6.282 788	<b>9.09</b>
white	100	6.282 789	<b>9.09</b>
blue	100	6.282 790	<b>9.09</b>

### Disposable Face Mask, Profile Plus



Disposable surgical face mask with Earloops, non-sterile, 3-layer non-fibre-glass filter medium.

- Three layers of protection
- Soft elastic earloops
- Integrated nosepiece
- Latex-free
- Nickel-free
- EN 14683 Type II R, CE
- Box with 50 pieces

Colour	Width mm	Length mm	PK	Cat. No.	Price GBP
blue	95	175	50	6.316 058	<b>4.32</b>
white	95	175	50	6.316 059	<b>4.32</b>
green	95	175	50	6.316 060	<b>4.32</b>
pink	95	175	50	6.316 244	<b>4.32</b>
black	95	175	50	6.321 449	<b>4.32</b>
blue	95	175	500	6.320 157	<b>43.20</b>
white	95	175	500	6.320 162	<b>43.20</b>
green	95	175	500	6.320 158	<b>43.20</b>
pink	95	175	500	6.322 924	<b>43.20</b>
black	95	175	500	6.322 923	<b>43.20</b>
lime	95	175	50	6.320 159	<b>4.32</b>
orange	95	175	50	6.320 160	<b>4.32</b>
violet	95	175	50	6.320 161	<b>4.32</b>

## LLG autoclavable bags, PP, autoclavable



Constructed from very strong PP film with a broad seam at the bottom. For the disposal of contaminated labware. When autoclaving, the neck of the bag must be left open. Film thickness: 50 µm.

Width mm	Length mm	Capacity L	PK	Cat. No.	Price GBP
200	300	1.5	100	9.404.020	<b>14.49</b>
300	500	6.0	500	9.404.100	<b>210.96</b>
400	780	22.0	500	9.404.101	<b>270.00</b>
600	800	32.0	500	9.404.102	<b>334.80</b>
700	1100	72.0	350	9.404.104	<b>360.27</b>

## Biohazard Disposal Bags, PP, 38 µm



Red. With pre-printed sterilisation indicator patch, which darkens when bag is autoclaved.

- ASTM 1709 and ASTM 1922
- Can be autoclaved at 135 °C
- Print: standard biohazard warning symbol
- Precautionary protocols in four languages: English, French, German and Spanish

Width mm	Length mm	Thickness µm	PK	Cat. No.	Price GBP
360	480	38	200	6.240.465	<b>243.09</b>
480	580	38	200	9.404.010	<b>353.63</b>
640	890	38	200	6.301.637	<b>631.00</b>
790	970	38	200	6.253.096	<b>827.64</b>
970	1220	38	100	9.404.011	<b>639.51</b>

## Quick-Lock Ties



Red. Polyethylene, round, can be reopened.

Further colours available on request.

Diam. mm	Length mm	PK	Cat. No.	Price GBP
3.5	120	1000	9.404.182	<b>37.36</b>
3.5	180	1000	9.404.184	<b>58.85</b>
3.9	240	1000	9.404.186	<b>98.66</b>
4.4	320	1000	6.235.096	<b>148.37</b>

## Disposable cartons for broken glass



Easy-access collection containers make it convenient to safely dispose of non-biohazardous broken glass from your lab.

- Sturdy corrugated container lined with a clear, thick plastic bag to protect against leakage
- Reclose-A/Remove-A-Lid allows you to reclose the container
- A wide-mouth opening easily accommodates disposal of large items
- Inner flap seals the lid when the container is filled
- Containers ship and store flat and easily fold together for use

Type	Nom. capacity L	PK	Cat. No.	Price GBP
Table	5	50	2.976.110	<b>175.50</b>
Floor	63	6	2.976.112	<b>114.49</b>

### Aluminium bottles, with UN approval



The aluminium bottle is particularly suited for storing, transporting or sending substances and reference samples which have to be stored completely unaltered.

- With UN approval (60 - 5600 ml)
- Pure aluminium (AL 99.5 material)
- PP screw cap with internal aluminium seal included

Capacity ml	Diam. mm	Height mm	PK	Cat. No.	Price GBP
38	35	70	1	9.072 168	<b>1.76</b>
60	40	88	1	9.072 169	<b>1.93</b>
120	57	97	1	9.072 170	<b>2.34</b>
300	57	160	1	9.072 171	<b>3.08</b>
600	74	192	1	9.072 172	<b>4.46</b>
1200	88	248	1	9.072 173	<b>5.18</b>

### Disposable samplers PowderDispo for solids, HDPE



Manufactured in a clean room, individually packaged. Optionally gamma-ray sterilised. For cross-sectional samples of powdery or slightly cohesive substances.

Capacity ml	Length mm	Description	PK	Cat. No.	Price GBP
60	300	sterile	20	6.282 453	<b>132.75</b>
60	300	non-sterile	20	6.282 452	<b>114.71</b>
100	500	sterile	20	6.259 428	<b>148.50</b>
100	500	non-sterile	20	9.303 736	<b>133.29</b>

### Sampling lance milky, stainless steel V4A, acc. to EN ISO 707



Universal powder and granulate collector, made of V4A stainless steel. Complies with DIN and IDF (International Dairy Federation) standards. The collector is inserted into bags or bins, and the sample is taken using the half-shell-shaped lance. Autoclavable.

Capacity ml	Length cm	Imm. depth mm	PK	Cat. No.	Price GBP
150	48	385	1	6.051 629	<b>205.70</b>

### Sample spoons, stainless steel



Due to the specially shaped spoon, almost every corner in a container can be reached.

- Stainless steel 1.4301
- Chemical resistant (not against acids and alkalis)
- Food safe
- Autoclavable

Nominal capacity ml	Overall length mm	PK	Cat. No.	Price GBP
2	150	1	6.202 093	<b>5.76</b>
2	180	1	6.206 376	<b>6.17</b>
2	210	1	6.206 377	<b>6.62</b>
9	300	1	6.206 378	<b>10.89</b>
9	400	1	7.609 379	<b>14.13</b>
9	500	1	6.316 707	<b>16.38</b>

### Sampling scoops and spoons, PS, sterile

Highly impact-resistant polystyrene plastic. The spatula has a sturdy tip for taking sterile samples and piercing paper bags or similar packaging.

- Individually sealed and sterilised in a polyethylene bag
- Long handle increases the distance between the hand and the sample
- Scoop is suitable for use as weighing boat
- Food-safe
- Lot stamped for accurate lot tracing
- Shipped with a Certificate of Processing for Sterilisation
- Made from FDA-grade materials



Type	Capacity ml	PK	Cat. No.	Price GBP
Spatula, v-shaped	15	100	6.201 657	<b>260.52</b>

### Osmolality standards



Osmolality Standards for calibration and control, compatible with all types of osmometers. ISO 17025 certified. Values from 100 to 700 mOsmol/kg H<sub>2</sub>O according to European Pharmacopoeia 2.2.35 and US Pharmacopoeia 785. 12 ampoules of 5 ml each.

Type	Description	PK	Cat. No.	Price GBP
RE-OSM-50	50 mOsmol/kg H <sub>2</sub> O	12	6.286 326	<b>126.29</b>
RE-OSM-100	100 mOsmol/kg H <sub>2</sub> O	12	6.286 324	<b>126.29</b>
RE-OSM-200	200 mOsmol/kg H <sub>2</sub> O	12	6.286 325	<b>126.29</b>
RE-OSM-290	290 mOsmol/kg H <sub>2</sub> O	12	6.280 786	<b>126.29</b>
RE-OSM-300	300 mOsmol/kg H <sub>2</sub> O	12	6.284 310	<b>126.29</b>
RE-OSM-400	400 mOsmol/kg H <sub>2</sub> O	12	7.970 554	<b>126.29</b>
RE-OSM-500	500 mOsmol/kg H <sub>2</sub> O	12	6.270 201	<b>126.29</b>
RE-OSM-600	600 mOsmol/kg H <sub>2</sub> O	12	6.286 327	<b>126.29</b>
RE-OSM-700	700 mOsmol/kg H <sub>2</sub> O	12	6.286 328	<b>126.29</b>
RE-OSM-850	850 mOsmol/kg H <sub>2</sub> O	12	6.286 334	<b>126.29</b>
RE-OSM-900	900 mOsmol/kg H <sub>2</sub> O	12	6.286 335	<b>126.29</b>
RE-OSM-1000	1000 mOsmol/kg H <sub>2</sub> O	12	6.286 329	<b>126.29</b>
RE-OSM-1500	1500 mOsmol/kg H <sub>2</sub> O	12	6.286 330	<b>126.29</b>
RE-OSM-2000	2000 mOsmol/kg H <sub>2</sub> O	12	6.286 331	<b>126.29</b>

### Ion chromatography standards



The ion chromatography standards are produced gravimetrically from high-purity material in a highly controlled clean room environment (ISO 7). The final product is tested and verified before bottling.

Description	Capacity ml	PK	Cat. No.	Price GBP
1 mg/ml (1000 ppm) bromide	100	1	6.204 715	<b>72.22</b>
1 mg/ml (1000 ppm) chloride	100	1	6.204 716	<b>36.25</b>
1 mg/ml (1000 ppm) fluoride	100	1	6.204 717	<b>36.25</b>
1 mg/ml (1000 ppm) nitrate	100	1	6.204 718	<b>36.25</b>
1 mg/ml (1000 ppm) phosphate	100	1	6.204 719	<b>36.25</b>
1 mg/ml (1000 ppm) sulfate	100	1	6.204 720	<b>36.25</b>
1 mg/ml (1000 ppm) nitrite	100	1	6.205 294	<b>74.53</b>
1 mg/ml (1000 ppm) sulphite	100	1	4.695 134	<b>129.20</b>
1 mg/ml (1000 ppm) chlorite	100	1	4.695 105	<b>159.84</b>
1 mg/ml (1000 ppm) chlorate	100	1	4.695 103	<b>159.84</b>
1 mg/ml (1000 ppm) calcium	100	1	6.204 721	<b>90.34</b>
1 mg/ml (1000 ppm) magnesium	100	1	6.204 723	<b>90.34</b>
1 mg/ml (1000 ppm) potassium	100	1	6.204 724	<b>61.91</b>
1 mg/ml (1000 ppm) sodium	100	1	6.204 725	<b>61.91</b>
1 mg/ml (1000 ppm) ammonium	100	1	6.205 295	<b>61.91</b>

### Calibrating standards TOC



Total Organic Carbon (TOC) standards are manufactured from high-purity raw materials and are suitable for calibrating of TOC analysers to a high accuracy. These standards are independent, traceable and certified.

Concentration	Accuracy	Package	PK	Cat. No.	Price GBP
	(±)				
5 ppm	5%	amber glass bottle	1	6.235 803	<b>108.75</b>
15 ppm	5%	amber glass bottle	1	6.268 502	<b>108.75</b>
20 ppm	5%	amber glass bottle	1	4.012 106	<b>146.79</b>
25 ppm	5%	amber glass bottle	1	6.317 555	<b>146.79</b>
50 ppm	5%	amber glass bottle	1	6.235 238	<b>108.75</b>
100 ppm	1%	HDPE twin neck bottle	1	4.012 107	<b>108.75</b>
250 ppm	1%	HDPE twin neck bottle	1	4.012 108	<b>108.75</b>
500 ppm	1%	HDPE twin neck bottle	1	6.210 157	<b>108.75</b>
1000 ppm	0.5%	HDPE twin neck bottle	1	6.231 121	<b>146.79</b>
2000 ppm	0.5%	HDPE twin neck bottle	1	6.253 516	<b>108.75</b>
10000 ppm	1%	HDPE twin neck bottle	1	4.696 805	<b>108.32</b>

### Turbidity Standards



Highly accurate turbidity standards composed of suspended microspheres, suitable for Instrument calibration and control of all turbidity meters. Stable, shelf life of 2 years (from Date of Manufacturing). NIST traceable, US EPA approved and tested in compliance with ISO 7027. HDPE bottles of 100 ml.

- Non-Ratio for Non-Ratio Turbidity Measuring instruments will measure the scattered light from the sample at a 90° angle from the incident light (one detector)

Description	Volume ml	PK	Cat. No.	Price GBP
Non-Ratio 0.0 NTU	100	1	6.233 961	<b>92.93</b>
Non-Ratio 0.02 NTU	100	1	6.322 425	<b>86.54</b>
Non-Ratio 0.1 NTU	100	1	6.075 473	<b>92.93</b>
Non-Ratio 0.2 NTU	100	1	6.075 476	<b>92.93</b>
Non-Ratio 1.0 NTU	100	1	6.231 930	<b>92.93</b>
Non-Ratio 2 NTU	100	1	6.235 607	<b>92.93</b>
Non-Ratio 5.0 NTU	100	1	6.231 413	<b>92.93</b>
Non-Ratio 10.0 NTU	100	1	6.075 474	<b>129.97</b>
Non-Ratio 50.0 NTU	100	1	6.233 816	<b>129.97</b>
Non-Ratio 90 NTU	100	1	4.695 479	<b>212.26</b>
Non-Ratio 100.0 NTU	100	1	6.075 475	<b>212.26</b>
Non-Ratio 200 NTU	100	1	4.012 096	<b>212.26</b>
Non-Ratio 500.0 NTU	100	1	6.233 817	<b>212.26</b>
Non-Ratio 800 NTU	100	1	4.012 099	<b>212.26</b>
Non-Ratio 1000 NTU	100	1	4.012 101	<b>212.26</b>
Non-Ratio 4000 NTU	100	1	4.012 103	<b>212.26</b>

## MD50 COD photometer



- Highest accuracy for samples with low contamination
- Save time with the One Time Zero function
- Stable and compact



New

The MD50 COD is specifically designed for COD determination and offers superior performance, enhanced usability and expanded testing capabilities, including the new Very Low Range (VLR) COD method for ultra-sensitive measurements.

- Highest accuracy for low-pollution samples
- Measurement of COD in high, medium and very low ranges for versatile applications
- Easy operation thanks to intuitive symbols and animations, as well as user-friendly navigation
- Handheld design for comfortable single-handed operation
- Wireless NFC and USB-C data transfer
- Automatic GLP compliance
- Versatile connectivity via the AquaLX® app or Lovibond® Data Expert software
- Pre-programmed Lovibond® CSB cuvette tests for operation right out of the box are available separately



**Methods:** M134, M130, M133, M131, M132

**Scope of supply:** Photometer in carrying case, adapter for cells (16 mm), 2 x dosing syringes (1 ml, 2 ml), USB-C cable, screwdriver, manual, 2 x AA batteries

Type	PK	Cat. No.	Price GBP
MD50 COD	1	6.523 619	445.50

## Reference standard kits Chloride for photometers MD series

The reference standards are used to check the photometric detection accuracy and reproducibility of measurement results. Adjustment of the photometers is not possible with the reference standard kits. When checking the photometers with the reference standard kit, the appropriate method is selected, and the measured value in mg/L is compared with the reference value of the standard kit. The shelf life is two years from the date of manufacture if used and stored properly.



Measuring range	For	PK	Cat. No.	Price GBP
0.2 / 1.0 mg/l *	MD100/110/200 Cl6 (tablet/liquid)	1	7.627 352	80.64
0.5 / 2.0 mg/l *	MD100/110/200 Cl6 (tablet/liquid)	1	6.252 821	80.64
1.0 / 4.0 mg/l *	MD100/110/200 Cl6 (tablet/liquid)	1	9.699 290	80.64
0.2 / 1.0 mg/l *	MD150 Tablet/M100 (Tablet)	1	6.494 326	79.74
0.2 / 1.0 mg/l **	MD100/110 Cl2 (Powder)	1	6.252 822	80.64

\* For instruments with tablet/liquid reagent. \*\* For instruments with powder reagent.

## LLG cuvettes, glass



LLG cuvettes have two clear windows and two matt side walls. The walls and bottom are polished on the inside and matt on the outside. The thickness of the windows and bottom is 1.25 mm. The total height of the standard cuvettes is 45 mm. Each cuvette is supplied with a PTFE lid.

- Optical Glass: 335 to 2500 nm
- Quartz: 200 to 2700 nm



Type	Volume ml	Path length mm	PK	Cat. No.	Price GBP
quartz glass	3.5	10	2	4.681 513	85.05
quartz glass	17.5	50	2	4.681 514	252.18
optical glass	3.5	10	4	4.681 515	45.36
optical glass	17.5	50	4	4.681 516	97.20

## LLG cuvette rack, PP



Ideal for storing up to 16 cuvettes with 12.5 mm width. Two-tier arrangement of the cuvette rows ensures clarity.

- Numbered positions
- Autoclavable at 121 °C

Length mm	Width mm	Height mm	PK	Cat. No.	Price GBP
210	70	35	1	4.682 061	10.89

## Analytical balance (ABP)



This new generation of analytical balances combines the highest level of precision with large weighing capacities.

- OLED display
- Navigation pad for super quick navigating through the menus
- Automatic internal adjustment in the case of a change in temperature  $\geq 1$  °C or time-controlled every 4 h, guarantees a high degree of accuracy and makes the balance independent of its location of use
- Dosage aid: High-stability mode and other filter settings can be selected
- Simple recipe weighing and documenting with a combined tare/print function
- Menu language: German, English
- USB data interfaces and RS-232
- Large glass draft shield with 3 sliding doors for easy access to the items being weighed
- Incl. protective working cover

**DM models:** Incl. Multi-function weighing plate for minimising the effect of currents of air in the weighing space and for easy fixing and weighing of protruding samples, such as sample paper, PCR containers or micro centrifuge tubes

### Specifications

Overall dimensions, including draft shield (W x D x H):	213 x 407 x 344 mm
Weighing space (W x D x H):	166 x 156 x 220 mm
Net weight:	8 kg
Power supply:	220 ... 240 V AC, 50 Hz

Type	Weighing range	Readability	PK	Cat. No.	Price
	g	mg			GBP
ABP 100-5M	135	0.01	1	6.321 067	<b>3,780.00</b>
ABP 200-5M	220	0.01	1	6.321 068	<b>5,400.00</b>
ABP 100-4M	120	0.1	1	4.667 748	<b>1,980.00</b>
ABP 200-4M	220	0.1	1	4.667 749	<b>2,430.00</b>
ABP 300-4M	320	0.1	1	4.667 750	<b>2,700.00</b>
ABP 100-5DM	52 / 120	0.01 / 0.1	1	4.667 751	<b>2,880.00</b>
ABP 200-5DM	102 / 220	0.01 / 0.1	1	4.667 752	<b>3,060.00</b>

## Precision balance PCB IoT line



The integrated KERN Universal Port (KUP) allows the connection of external KUP interface adapters such as RS-232, USB, Bluetooth, WLAN, Analogue, and Ethernet. The KERN Communication Protocol (KCP) permits searching and remote control of the balance using external control devices or computers.

- Backlit LCD display, digit height 21 mm
- PRE-TARE function
- Recipe function
- Weighing with tolerance range
- Freely programmable weighing unit
- Anti-shock system
- AUTO-OFF function
- Battery operation possible (not included in scope of supply)

### Scope of supply:

Precision balance, protective working cover

Type	Readability	max. load	PK	Cat. No.	Price
	g	g			GBP
PCB 300-3	0.001	360	1	6.325 454	<b>279.00</b>
PCB 1000-2	0.01	1200	1	4.691 682	<b>256.50</b>
PCB 2000-1	0.1	2000	1	4.691 683	<b>202.50</b>
PCB 3000-2	0.01	3600	1	6.324 972	<b>292.50</b>
PCB 6000-1	0.1	6000	1	4.691 684	<b>220.50</b>

## LLG weighing boats, PS, diamond, antistatic



Biologically inert and resistant to dilute and weak acids, aqueous solutions, alcohols, and bases. Temperature range -10 to 70 °C. Can be used with microwave moisture analysers. Features a diamond shape that easily flexes for accurate pouring and a wide, flat bottom to resist tipping.

Capacity	Colour	Dimensions	PK	Cat. No.	Price
ml		mm			GBP
5	White	55 x 35 x 6	1000	9.900 788	<b>80.82</b>
30	White	85 x 65 x 14	500	9.950 194	<b>32.22</b>
100	White	125 x 100 x 19	250	9.950 195	<b>40.32</b>
5	Black	55 x 35 x 6	1000	9.900 801	<b>88.92</b>
30	Black	85 x 65 x 14	500	9.950 196	<b>35.37</b>
100	Black	125 x 100 x 19	250	9.950 197	<b>44.37</b>

## LLG-Centrifuge tubes, PP



Polypropylene tubes with very good thermal, mechanical and chemical stability. With screw closures. Sterile tubes with screwed-on closure. Packed in boxes or bags. With graduations and labelling area.

Centrifugation capacity (Max. RCF): 6000 x g  
Height: 120 mm

Description	Form	Capacity ml	PK	Cat. No.	Price GBP
aseptic, bulk pack	conical	15	50	6.263 886	<b>14.58</b>
big pack	conical	15	500	9.316 063	<b>108.36</b>
big pack, bulk pack	with rim	50	50	4.008 506	<b>17.91</b>

## LLG microcentrifuge tubes, PP



LLG Microcentrifuge tubes are ideal for all test throughputs.

Certified DNase-, RNase-, and pyrogen-free. Guaranteed metal-free. Suitable for microbiology.

### Specifications

#### Autoclavability

Temperature: 121 °C  
Pressure: 1.05 bar or 15 psi  
Time: 20 minutes or less

#### Centrifugation

Fixed angle rotor: 25000 xg  
Swing-out rotor: 70000 xg

Form	Volume ml	Max. rcf	PK	Cat. No.	Price GBP
conical	1.5	25000	500	6.521 309	<b>10.26</b>
round	2.0	25000	500	6.521 310	<b>12.11</b>

## Centrifuges Frontier™ Multi Pro FC5714



- Universal centrifuge
- Double imbalance measurement



Powerful and versatile Universal Centrifuges for almost every laboratory application. The intuitive design of the centrifuges and accessories enables easy access to the parameter settings and quick change between applications.

**Please order rotors separately.**

### Specifications

Max. RCF: 18.624 xg  
Max. Speed: 14.000 rpm  
Max. Load: 4 x 100 ml  
Power consumption: 240 W  
Dimensions (W x D x H): 362 x 493 x 330 mm  
Weight: 30 kg  
Power supply: 230 V, 50/60 Hz

Type	PK	Cat. No.	Price GBP
FC5714	1	4.661 524	<b>2,700.00</b>

## Accessories for Frontier™ Multi Pro FC5714



Description	PK	Cat. No.	Price GBP
Angle rotor, 12 x 15 ml RB/FA, ID	1	4.661 550	<b>702.00</b>
Angle rotor 24 x 1.5/2.0 ml ID BIOSEALS V1	1	7.972 424	<b>684.00</b>
Angle rotor, 30 x 1.5/2.0 ml, ID, sealable	1	4.661 552	<b>1,075.50</b>
Angle rotor, 30 x 15 ml RB/FA, ID	1	4.661 548	<b>1,161.00</b>

ID: Auto rotor identification, RB: Round bottom tubes, FA: Conical bottom tubes

## Multi-position magnetic stirrer with heating AM 4 Digital series



Each stirring position has its own timer



AM 4 Digital SET

Magnetic stirrer with four individually controllable stirring positions. A timer can be set from 1 minute to 99 hours 59 minutes at each stirring position. An external temperature probe can be connected for precise thermoregulation of the sample. Suitable for stirring volumes of up to 20 litres per stirring position. Stirring positions made of ceramic-coated aluminium alloy CerAlTop™ ensure high temperature homogeneity, and are resistant to chemicals and scratches. The hot indicator signals when the plate temperature is above 50 °C, even if the heating function is not active. Other safety functions, such as safety circuits, overtemperature protection, and probe detection alarm, protect during daily operation. The SpeedServo™ torque compensation keeps the speed constant even if the viscosity changes.

### Scope of supply:

Multi-position magnetic stirrer, magnetic stirring bar (Ø 8 x 40 mm)

### Scope of supply SET:

Multi-position magnetic stirrer, magnetic stirring bar (Ø 8 x 40 mm), 4 x Pt100 temperature probe, 4 x rod, 4 x clamp

Type	Stirring capacity per position l	Speed range rpm	PK	Cat. No.	Price GBP
AM 4 Digital	20	50 ... 1.500	1	4.701.164	<b>2,095.20</b>
AM 4 Digital SET	20	50 ... 1.500	1	4.701.202	<b>2,382.30</b>

## Overhead Stirrers Hei-TORQUE Core



For low to medium viscosity solutions

Compact, electronic overhead stirrer for easy operation.

- Can be integrated into closed systems such as smoke hoods, reactors or production systems
- Suitable for low to medium viscosity media
- Quick-action chuck for stirring tools up to 10 mm diameter
- "Max" button for short-term operation at maximum speed
- Timer function
- Digital rotation speed display
- Automatic switch-off with overheating protection

### Specifications

Stirring quantity max. (H <sub>2</sub> O):	25 l
Speed range:	20 ... 2000 rpm
Max. viscosity:	10000 mPas
Motor rating input/output:	105/75 W
Max. torque at stirring shaft:	40 Ncm
Display:	digital
Chuck range:	8 ... 10.5 mm
Dimensions (W x D x H):	70 x 195 x 281.5 mm
Weight:	2.3 kg
Power supply:	230 V, 50/60 Hz
Protection class:	IP 42

Type	Plug type	PK	Cat. No.	Price GBP
Hei-TORQUE Core	EU	1	4.662.304	<b>899.10</b>
Hei-TORQUE Core	UK	1	9.812.678	<b>899.10</b>
Hei-TORQUE Core	CH	1	9.812.679	<b>899.10</b>

## Impellers for Overhead Stirrers, stainless steel V 2A



Shaft diameter: 8 mm

### Blade and Half-Moon Impeller

- These impellers are recommended for applications which require an average speed
- For mixing products with average viscosity



9.816.540



9.816.548



9.816.550

### Propeller type impeller

- These impellers are recommended for applications which require an average or high speed
- For mixing products with medium or high viscosity
- These models create an axial flow

### Radial Flow Impeller

- These impellers are recommended for applications which require an average speed
- For mixing products with average viscosity up to <500 mPas
- These impellers create a radial flow

Type	Dimensions mm	PK	Cat. No.	Price GBP
Blade stirrer BR 10 (2 blades)	50 x 12	1	9.816.540	<b>63.90</b>
Blade stirrer BR 13	70 x 70	1	9.816.543	<b>72.00</b>
Turbine stirrer TR 20	Ø 29	1	9.816.548	<b>91.80</b>
Turbine stirrer TR 21	Ø 50	1	9.816.549	<b>99.00</b>
Propeller stirrer PR 30	Ø 58	1	9.816.550	<b>103.50</b>
Propeller stirrer PR 32 *	Ø 33	1	9.816.551	<b>119.70</b>
Propeller stirrer PR 32 *	Ø 45	1	9.816.552	<b>157.50</b>
Propeller stirrer PR 33 *	Ø 66	1	9.816.553	<b>179.10</b>

\* with guide ring.

## Laboratory Blender Waring® 8010/8011



8011EG

Versatile laboratory mixer ideally suited for general laboratory work. Supplied either with a 1 L stainless steel container or a 1.2 L glass container. Models 8010 EG/ES with mechanical timer (3 minutes).

- Epoxy coated motor housing
- Two-piece lid vinyl/styrene

**Scope of supply:** Mixer, container (stainless steel or glass) with handle and lid

Type	With	Max. speed rpm	PK	Cat. No.	Price GBP
8010EG	Glass container, 1.2 l	22000	1	9.571 436	<b>1,258.20</b>
8010ES	Stainless steel 1 l	22000	1	9.571 437	<b>1,402.20</b>
8011EG	Glass container, 1.2 l	22000	1	6.284 693	<b>1,128.60</b>
8011ES	Stainless steel 1 l	22000	1	6.284 694	<b>1,265.40</b>

## Magnetic stirring bars ASTEROID, triangular, PTFE



Magnetic stirring bar PTFE-coated, very powerful, for large stirring volumes, viscous media, stirring over distances and with unfavourable bottom shapes, 4x higher torque, significantly higher speeds achievable, no demagnetisation effect, smooth and sealed PTFE coating, FDA-compliant, steam sterilisable at 121 °C. Multiple performance increases for all magnetic stirrers.

Diam. mm	Length mm	PK	Cat. No.	Price GBP
12	25	1	9.646 057	<b>37.35</b>
32	40	1	9.646 040	<b>53.10</b>

## Vortexer LLG-uniTEXER multi



### One head - multiple uses

The LLG-uniTEXER multi enables vortexing of different tubes without the need to use an additional adapter. The carrier head accommodates 1 x assay plate, 2 x 50 ml conical tubes, 2 x 15 ml conical tubes, 2 x 5 ml conical tubes, 4 x 1.5/2 ml microcentrifuge tubes, 6 x 0.5 ml and 24 x 0.2 ml microcentrifuge tubes.

The LLG-uniTEXER multi can be operated in continuous mode or touch function for short-term operation.

- Stepless speed adjustment from 0 to 3000 rpm
- Touch function for short-term operation
- Very easy to clean
- Elastomeric feet ensure excellent stability on the bench
- Updated modern design
- Robust housing made of ABS

**Scope of supply:** Vortexer, 1 x universal attachment, manual

### Specifications

Type of movement:	Orbital/vortex
Orbital diameter:	3.7 mm
Speed range:	0 ... 3000 rpm
Dimensions (W x D x H):	171 x 190 x 197 mm
Weight:	3.9 kg
Power supply:	220 ... 240 V, 50 ... 60 Hz

Type	Plug type	PK	Cat. No.	Price GBP
LLG-uniTEXER multi	EU	1	6.263 507	<b>240.57</b>
LLG-uniTEXER multi	UK	1	6.263 508	<b>240.66</b>

## LLG-Magnetic Stirring Bar Retrievers, PTFE



PTFE-encapsulated stirring bar retriever with strong permanent magnet (Alnico 5), universal chemical resistance. Lower end diameter 10mm.

Diam. mm	Length mm	PK	Cat. No.	Price GBP
8	150	1	9.197 717	<b>13.95</b>
8	250	1	9.197 725	<b>17.19</b>
8	270	1	4.008 501	<b>19.89</b>
8	350	1	9.197 735	<b>19.71</b>

## Accessories for tripods

New



4.714 386



4.714 382



4.714 384



4.714 388

### Order no.: 4.714 382 and 4.714 384: MicroFix double sleeve with knurled screws.

The MicroFix double sleeve is a particularly space-saving and stable connection solution for confined installation situations, e.g., under laboratory fume cupboards or as an addition to existing racks.

- Made of aluminium or stainless steel
- Right-angled or T-connection of two rods up to Ø 13 mm
- Minimum space requirement: diameter 25 mm, length 30 mm
- Aluminium knurled screws for tool-free tightening by hand

### Order no.: 4.714 386: EasySlide double sleeve for one-handed operation, aluminium.

Thanks to the integrated ball bearing, the sleeve glides particularly easily over the stand rod, even during fine adjustments. The design allows for quick, comfortable and safe operation with just one hand, making height adjustment of the stand significantly more efficient and ergonomic.

- Suitable for clamping rods and pole sections up to Ø 12 mm
- Internal plastic ball bearing for particularly smooth gliding
- One-handed operation, sleeve can be easily positioned and fixed with one hand

### Order no.: 4.714 388: Tripod plate with flange and slot.

The tripod plate with flange provides a stable base for versatile mounting systems. The integrated rod holder has a slot that allows plates to be clamped in place. Plate made of powder-coated steel, thickness 8 mm, with rubber feet for a secure footing.

- For clamping round rods up to Ø 16 mm
- For clamping plates up to 5 mm

Description	PK	Cat. No.	Price GBP
MicroFix aluminum double sleeve with knurled screws	1	4.714 382	12.51
MicroFix stainless steel double sleeve with knurled screws	1	4.714 384	21.51
EasySlide double sleeve for one-handed operation	1	4.714 386	37.71
Tripod plate with flange and slot	1	4.714 388	32.31

## Support rods made of galvanised steel



Galvanised steel.  
External diameter 12 mm.  
Without thread.

Length mm	PK	Cat. No.	Price GBP
500	1	6.701 307	12.11
600	1	9.224 126	13.37
750	1	9.224 127	14.58
1000	1	9.224 130	16.61
1250	1	6.081 670	18.74
1500	1	9.224 135	21.30

## Support rings, zincked



Type	Int. diam. mm	Length mm	PK	Cat. No.	Price GBP
Ring	50	160	1	6.239 803	10.46
Ring	70	200	1	6.239 507	12.01
Ring	100	220	1	6.239 804	13.42
Ring, with bosshead	50	70	1	4.659 172	21.33
Ring, with bosshead	70	70	1	9.225 081	23.36
Ring, with bosshead	100	70	1	6.238 844	24.80

Rotary vane pump RZ 6, package

VACUUBRAND.



The powerful, two-stage pump is ideal for applications in laboratories and industrial settings that require a very good ultimate vacuum with medium to high gas throughput. Typical applications include freeze drying, fine vacuum distillation and drying cabinets.

- High flow rate even at vacuum levels approaching ultimate vacuum
- High water Vapour tolerance due to efficient gas ballast
- Very good ultimate vacuum even with gas ballast
- Vacuum tight at switch-off without suction nozzle valve
- Long oil change intervals due to large usable oil volume
- Easy maintenance due to telescopic design

**Scope of supply:** Rotary vane pump, oil mist filter FO, manual

Type	Flow rate l / min.	Ultimate vacuum mbar	Plug type	PK	Cat. No.	Price GBP
RZ 6+FO	95	0.002	EU	1	6.328 052	2,875.50
RZ 6+FO	95	0.002	UK	1	6.328 054	3,099.60
RZ 6+FO	95	0.002	CH	1	6.328 053	3,099.60

Vacuum measuring instrument VACUU-VIEW extended

VACUUBRAND.



The combined rough and fine vacuum gauge VACUU-VIEW extended operates in a particularly wide measuring range from atmospheric pressure to 10<sup>-3</sup> mbar.

- Chemically resistant, robust vacuum sensors, long service life even with aggressive chemicals
- Display with menu navigation, easy setting of display options such as pressure unit

**Specifications**

Measuring range: 1100 to 0.001 mbar  
 Accuracy: ±15% of indicated value in the range from 0.01-5 mbar  
 Vacuum connection: KF DN 16/hose nozzle DN 6/10 mm  
 Dimensions (L x W x H): 103 x 62 x 50 mm  
 Power supply: 100-230 V, 50/60 Hz

Type	Plug type	PK	Cat. No.	Price GBP
VACUU-VIEW extended	EU, UK, CH, US, AUS, CN	1	6.268 864	949.50

Vacuum pump system LABOPORT® SC 820 G

KMF



Vacuum pump systems consisting of chemically resistant diaphragm vacuum pump, base plate, separator on suction side, high performance condenser on pressure side and vacuum controller for rotary evaporations, distillations and vacuum ovens. Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function.

- High recovery rates
- Wireless controller via Bluetooth for safe operation from outside closed smoke hoods
- Easy, intuitive control via touchscreen display and rotation knob
- Integrated gas ballast valve
- Four operating modes
- Integrated speed control
- ATEX compliant to (Ex) II 3/-G Ex h IIB+H2 T3 Gc internal atmosphere only

**Specifications**

Hose connections: Inlet: ID 8 ... 9.5 mm  
 Outlet: ID 10 mm  
 Operating pressure: 0.1 bar  
 Permissible ambient temperature: 5 ... 40 °C  
 Mains connection: 100 ... 240 V, 50/60 Hz  
 Protection class: IP30

Type	Flow rate L / min.	Ultimate vacuum mbar	Plug type	PK	Cat. No.	Price GBP
SC 820 G	20	6	EU/UK/CH	1	4.686 317	5,337.00

Water jet pump, PP

Kartell



This pump will work on pressures up to 10 kg/cm<sup>2</sup>. With built-in, non-return valve to eliminate back flow. Useful for vacuum removal of spilled chemicals, as well as for filter work. Easily dismantled for cleaning.

Description	PK	Cat. No.	Price GBP
Water jet vacuum pump	1	9.303 031	29.16

## Compressor station SICOLAB mini



- New assortment
- Maintenance-free
- For producing compressed air
- Low noise



Compact, soundproof compressor for use with compressed air in laboratories. The oil-free plug-and-play compressor unit with integrated carrying handle offers minimal maintenance and maximum flexibility. The SICOLAB mini is equipped with a 2 l pressure receiver, automatic condensate drain, electromagnetic start-up relief, and an operating hours meter.

- Very smooth start-up
- Extremely quiet
- Maintenance-free except for filter replacement
- Compressed air connection via quick coupling directly in the housing
- Oil-free compressor unit
- Air receiver with internal coating
- Pressure reducer
- Pressure switch
- Pressure gauge readable from the outside
- Safety Valve
- On/off switch with fuse

Type	Flow rate L / min.	Pressure bar	Dimensions (W x D x H) mm	PK	Cat. No.	Price GBP
SICOLAB 038 mini	20	7	396 x 347 x 343	1	4.714.489	2,400.30
SICOLAB 062 mini	36	7	396 x 347 x 343	1	4.714.490	2,911.50

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