



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 09/05/2018, and contains the following Products:

38-0200/01

ELE Flame Photometer

82-3320

Porcelain Crucible

82-0140

Beaker - 250 ml

82-0220

Beaker - 1000 ml

82-0420

Measuring Cylinder - Glass 250 ml

82-0500

Measuring Cylinder - Glass 1000 ml

82-1020

Volumetric Flask - 250 ml

82-1060

Volumetric Flask - 1000 ml

78-2950/01

Hotplate

78-3104/01

Digital Hotplate

430-020

Digital pH/Temp/mV Meter with electrode, carrying case and pH 4 & 7 buffers



ELE Flame Photometer

Code: [38-0200/01](#)

Product Group: [ELE Flame Photometer](#)

Special Note: The Flame Photometer requires a source of moisture-free air at 6 litres/minute at a pressure of 1 kg/cm². It also requires a fuel source for the flame and a regulator (see accessories).

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For 220-240 V AC, 50-60 Hz, 1 ph

Specification

| | |
|------------------------|--|
| Dimensions (l x w x h) | 420 x 360 x 300 mm |
| Readout | LED three 12.5 mm digits |
| Sensitivity Na | 3 to 100 ppm |
| K | 3 to 100 ppm |
| Ca | 5 to 100 ppm (optional filter) |
| Reproducibility | 1% CV for 20 consecutive samples using 10 ppm, set to read 100 |
| Recorder Output | Nominal 1.00 V for a reading of 100.0 |
| Weight | 8 kg |

Accessories



Air Compressor

Code: [38-0320/01](#)



Barium Filter

Code: [38-0260](#)



Calcium Filter

Code: [38-0250](#)



Regulators for Natural Gas

Code: [38-0270](#)



Regulators for Propane Gas

Code: [38-0280](#)



Porcelain Crucible

Code: [82-3320](#)

Product Group: [Loss-on-Ignition, Bottles and Crucibles](#)

30ml capacity complete with lid.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Alternatives



Heat of Hydration Apparatus

Code: [38-4600/06](#)



Heat of Hydration Apparatus

Code: [38-4600/01](#)



Beaker - 250 ml

Code: [82-0140](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Beaker - 1000 ml

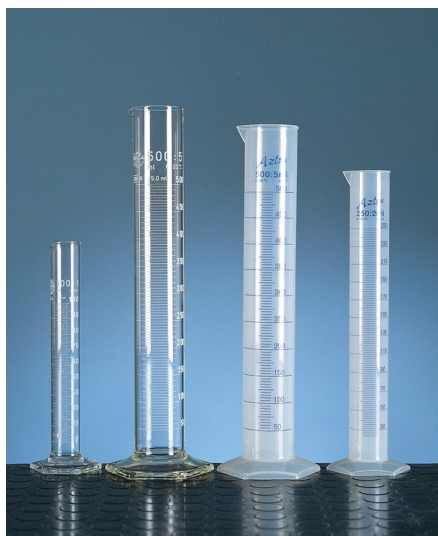
Code: [82-0220](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Measuring Cylinder - Glass 250 ml

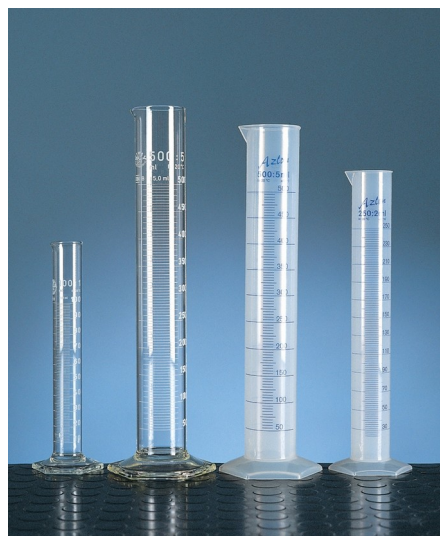
Code: [82-0420](#)

Product Group: [Measuring Cylinders, BS](#)

Soda glass, spouted, BS EN 4788.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Measuring Cylinder - Glass 1000 ml

Code: [82-0500](#)

Product Group: [Measuring Cylinders, BS](#)

Soda glass, spouted, BS EN 4788.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Volumetric Flask - 250 ml

Code: [82-1020](#)

Product Group: [Funnels and Flasks](#)

Soda glass, stoppered to BS ISO 1042 Class B.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Volumetric Flask - 1000 ml

Code: [82-1060](#)

Product Group: [Funnels and Flasks](#)

Soda glass, stoppered to BS ISO 1042 Class B.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Hotplate

Code: 78-2950/01

Product Group: Hotplate

Further Information

Not available for sale in the USA

Specification

| | |
|---------------------|---|
| Construction | Cast-iron top and base ventilated sheet-steel body |
| Nominal diameter | 200 mm |
| Maximum temperature | 500°C |
| Rated power | 2000 W |
| Weight | 5 kg |



Digital Hotplate

Code: 78-3104/01

Product Group: Digital Hotplate

Further Information

****Not available for sale in the USA****

Specification

| | |
|---------------------|---|
| Dimensions | 520 x 360 x 130 mm |
| Construction | Robust metal with anodised aluminium plate heated surface |
| Maximum temperature | 300 x 1°C |
| Rated power | 1500 W |



Digital pH/Temp/mV Meter with electrode, carrying case and pH 4 & 7 buffers

Code: 430-020

Product Group: Paqualab Test Meters

Robust waterproof case offering IP66/67 protection

Manual/automatic temperature compensation

Easy to use re-calibration function

The 430-020 pH meter is a three-in-one instrument that features a large easy to read, LCD display that indicates pH over the range of -2 to 16 pH with a resolution of 0.01 pH, mV over the range of -1000 to 1000 mV and temperature over the range of -39.9 to 149.9°C with a resolution of 0.1°C. The LCD display features both low battery indication and a user selectable backlight.

The pH readings are either manually or automatically temperature compensated over the range of 0 to 100°C. To automatically compensate, it is necessary to utilise a thermistor temperature probe. Each unit incorporates an auto-power off facility that automatically turns the instrument off after ten minutes, maximising battery life.

The 430-020 has an integrated rubber seal to ensure complete water resistance and helps to reduce the possibility of damage in harsh environments. At the touch of a button, the instrument will automatically re-calibrate (two-point autocal) itself when used in conjunction with pH buffer solutions.

Each unit incorporates an easy to use BNC connector and Lumberg screw-locking type connector.

Further Information

Specification

| | | |
|-------------------|-----------------------------------|-------------------------|
| Range | Resolution | Accuracy |
| -2 to 16 pH | 0.01 pH | ± 0.02 pH |
| ± 1000 mV | 1 mV | ± 1 mV |
| -39.9 to 149.9 °C | 0.1 °C | ± 0.4 °C (-10 to 70 °C) |
| Battery | 3 x 1.5 volt AAA | |
| Battery Life | Maximum 5 years (2500 hours) | |
| Sensor Type | Combination electrode/ thermistor | |
| Display | 12 mm LCD | |
| Dimensions | 32 x 71 x 141mm | |

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Weight

230 grams

Spares/Consumables



Spare pH electrode for use with 430-020 meter

Code: [430-020/10](#)