



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

This wishlist was generated on 22/04/2017, and contains the following Products:

82-1440

Burette

513-160

Conductivity/Temp/Tds Meter with Electrode and Carrying Case

430-260

Turbidity Meter. Range 0-1000 FTU. Supplied with Carrying Case, Batteries and Calibration Solutions

45-3815/01

Rotatest 3000

45-3807

Filter Discs Pack of 100

82-8020/01

Distilled Water Still

38-0200/01

ELE Flame Photometer

38-0320/01

Air Compressor

38-0250

Calcium Filter

38-0270

Regulators for Natural Gas

38-0260

Barium Filter

38-0280

Regulators for Propane Gas

36-1410/01

**1000/500kN Motorised Compression/Tension Machine (complete with grips)
220-240V 50/60Hz 1Ph.**

34-0450

Apparatus for Determining Flow In Concrete (Flow Table).

39-1150/01

Jolting Table 220 - 240 V 50 Hz

38-4600/01

Heat of Hydration Apparatus

39-1100

Three-gang Mould

39-0410

Three-gang Mould

35-2846

200mm "Demec" Mechanical Strain Gauge

27-1559

50kN S-type Load Cell



Burette

Code: [82-1440](#)

Product Group: [Pipettes and Burettes](#)

Soda glass with singlebore stopcock, BS EN ISO 385
Class B, 0.10 sub-divisions. 50 ml.

Further Information

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



Conductivity/Temp/Tds Meter with Electrode and Carrying Case

Code: [513-160](#)

Product Group: [Paqualab Test Meters](#)



Turbidity Meter. Range 0-1000 FTU. Supplied with Carrying Case, Batteries and Calibration Solutions

Code: **430-260**

Product Group: **Paqualab Test Meters**

- Easy to use.
- High range.
- Calibration data storage facility.
- Results displayed as FTU.
- Water resistant.

Suitable for testing either natural and treated water, or waste water and effluents.

This portable microprocessor-based turbidity meter provides lab-grade accuracy even in the field. With 4 keys and weighing only 510 grams, the meter measures turbidity from 0 to 1000 FTU (NTU). For best field accuracy, it measures from 0 to 50 FTU in steps of 1/100th of FTU.

Unlike standard lamps, the infrared LED has a long life. More significantly, it maintains constant emission for the entire life of the instrument. The wavelength peaks at 890nm, which provides the required intensity of diffused light even in samples with low turbidity values, and also reduces the interference from any colours.

The meter is very easy to use. All operations can be carried out with only four keys and troubleshooting functions can be performed with error code on LCD. Moreover, the meter's versatility and durability ensure low maintenance.

The meter can store and retrieve the last calibration data. At the touch of a key, the last calibration data together with time and date are displayed allowing the user to maintain an accurate calibration schedule. auto shutoff turns the meter off after 5 minutes of non-use to save batteries.

The turbidity meter comes supplied with 2 cuvettes, tissues, cleaning solution and calibration solutions for 0 and 10 FTU.

Specification

Range	0.00 to 50.00 FTU; 50 - 1000 FTU.
Resolution	0.01 FTU (0.00 to 50.00 FTU); 1 FTU (50-1000 FTU).
Accuracy	± 0.5 FTU or ± 5% of reading (whichever is greater).

Product Sheet

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



Battery life	60 hours or 900 measurements. Automatic shut-off after 5 minutes of non-use. (4 x 1.5 VAA batteries).
Weight	510g (including case and calibration solutions).
Dimensions	220 x 82 x 66 mm.



Rotatest 3000

Code: [45-3815/01](#)

Product Group: [Asphalt Centrifuge Extractors](#)

Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing.

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

Standards

EN 12697-1, ASTM D2172, AASHTO T164

Further Information

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

3000 g capacity. Supplied with 100 Filter Discs. For 220 V AC, 50 - 60 Hz, 1ph.

Accessories



Bowl - 2.5 litre

Code: [81-5020](#)



Desiccator - Non-vacuum

Code: [82-2100](#)



Evaporating Dish - 100 x 40 mm

Code: [82-1970](#)



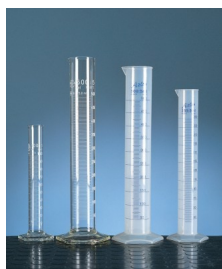
Filter Discs Pack of 100

Code: [45-3807](#)



Hotplate

Code: [78-2950/01](#)



Measuring Cylinder - Glass 100 ml

Code: [82-0380](#)



Measuring Cylinder - Glass 1000 ml

Code: [82-0500](#)



Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)



Silica Gel

Code: [82-7091](#)



Volumetric Flask - 100 ml

Code: [82-1000](#)



Volumetric Flask - 1000 ml

Code: [82-1060](#)

Alternatives



Muffle Furnace

Code: [83-4170/01](#)

Product Sheet

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



Rotatest 1500

Code: [45-3810/01](#)



Filter Discs Pack of 100

Code: [45-3807](#)

Product Group: [Asphalt Centrifuge Extractors](#)

295 mm internal diameter with a 44 mm diameter hole.

Standards

EN 12697-1, ASTM D2172, AASHTO T164

Further Information

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



Distilled Water Still

Code: [82-8020/01](#)

Product Group: [Distilled Water Still](#)

Further Information

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

Specification

Dimensions (l x w x h)	590 x 530 x 940 mm
Boiling chamber	Glass
Condenser	Borosilicate glass
Output	3.5 litres/hr when permanently connected to water supply
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power	2.75 kW
Weight	12 kg



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



Air Compressor

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

Product Group: [ELE Flame Photometer](#)

Supplies air at 6 litres/minute at a pressure of 1 kg/cm², for use with 38-0200/01 Flame Photometer.

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

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



Calcium Filter

Code: [38-0250](#)

Product Group: [ELE Flame Photometer](#)

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

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



Regulators for Natural Gas

Code: [38-0270](#)

Product Group: [ELE Flame Photometer](#)

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

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



Barium Filter

Code: [38-0260](#)

Product Group: [ELE Flame Photometer](#)

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

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



Regulators for Propane Gas

Code: [38-0280](#)

Product Group: [ELE Flame Photometer](#)

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

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



1000/500kN Motorised Compression/Tension Machine (complete with grips) 220-240V 50/60Hz 1Ph.

Code: 36-1410/01

Product Group: Compression Tension Machine

- Compression testing of concrete cubes and cylinders
- Calibration in compression is accurate to 1% of indicated load, satisfying BS EN ISO 7500-1; ASTM E4
- Self-aligning upper platen for compression tests
- Easily fitted grips for tension testing

The load frame is of high quality steel construction with a fixed upper head carrying a ball-seated platen. The ram carrying the lower platen is contained in the base of the frame and is protected by a shroud. Sufficient clearance between the platens allows the compression testing of concrete cylinders up to 160 mm diameter by 320 mm long. To allow for the compression testing of concrete cubes, a range of distance pieces is available.

Tension tests on steel reinforcing bars are conducted by replacing the platens with special grips. As standard the machine is supplied with the following size grips for testing bars, 10 mm, 12 mm, 20 mm, and 25 mm diameter. The machine is motorised, incorporating a change-over lever to select either compression or tension output from the pump.

Standards

BS EN ISO 7500-1, ASTM E4

Further Information

NOT AVAILABLE FOR SALE IN THE USA

220-240V 50/60 Hz 1Ph.



Apparatus for Determining Flow In Concrete (Flow Table).

Code: [34-0450](#)

Product Group: [Flow Table](#)

Comprising of mould, flow table, tamper, metre rule, float and stopwatch

Standards

EN 12350-5

Further Information

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

Accessories



Aluminium Scoop Large

Code: [81-0220](#)



Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



Shovel - With flat blade

Code: [81-0240](#)

Spares/Consumables



Stopwatch

Code: [81-0521](#)



Jolting Table 220 - 240 V 50 Hz

Code: [39-1150/01](#)

Product Group: [Jolting Table](#)

Supplied without moulds.

Standards

EN 196-1, EN 413-2, EN 459-2, EN 1744-1, EN 1015-10, EN 1015-11, EN 13454-2, ISO 679, BS 3892-1, BS 4551-1

Further Information

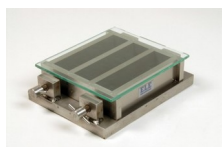
****NOT AVAILABLE FOR SALE IN THE USA****

Accessories



Feeding Hopper

Code: [39-1120](#)



Three-gang Mould

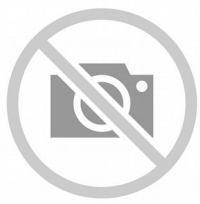
Code: [39-1100](#)

Spares/Consumables



Mortar Sand

Code: [39-1170](#)



Scraper

Code: [39-1130](#)

Alternatives



Jolting Table 220 - 240 V AC 60 Hz

Code: [39-1150/06](#)



Heat of Hydration Apparatus

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

Product Group: [Heat of Hydration Cement](#)

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

Standards

BS 4550

Further Information

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

Accessories



200 mm Diameter Receiver

Code: [79-0020](#)



200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

Code: [79-0110](#)



200mm Dia BS Sieve 600Mic Stainless Steel Mesh.

Code: 79-0200



Desiccator - Non-vacuum

Code: 82-2100



Electronic Balance - 220g x 0.001g

Code: 78-5335/01



Harvard Trip Balance

Code: 78-7090



Sieve Brush Nylon

Code: 79-7210

Product Sheet

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



Silica Gel

Code: [82-7091](#)



Spatula 100 mm

Code: [81-0100](#)



Weighing Bottle

Code: [82-1540](#)



Weights for Harvard Trip Balance

Code: [78-7110](#)

Spares/Consumables



Beckman Thermometer and Reader Glass

Code: [38-4600/12](#)



Dewar Flask

Code: [38-4600/10](#)



Glass Paddle for Stirrer

Code: [38-4600/13](#)

Alternatives



Mortar and Pestle Porcelain.

Code: [23-3505](#)



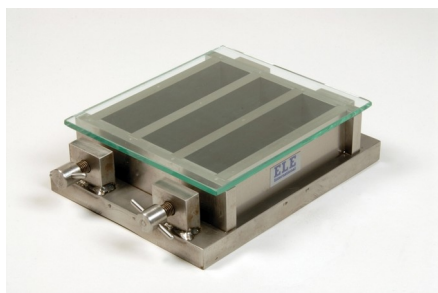
Muffle Furnace

Code: [83-4170/01](#)



Porcelain Crucible

Code: [82-3320](#)



Three-gang Mould

Code: [39-1100](#)

Product Group: [Moulding of Prisms](#)

For 40.1 x 40 x 160 mm mortar prisms. This mould is manufactured to a very high specification. Supplied with glass plate.

Standards

EN 196-1, EN 413-2, EN 459-2, EN 1015-10, EN 13454-2, ISO 679, BS 3892-1, BS 4551-1

Further Information

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

Accessories



Feeding Hopper

Code: [39-1120](#)

Spares/Consumables



Glass Plate

Code: [39-1100/10](#)



Mortar Sand

Code: [39-1170](#)

Alternatives



Feeding Hopper

Code: [39-1120](#)



Three-gang Mould

Code: [39-0410](#)

Product Group: [Moulding of 50 mm and 100 mm Specimens](#)

For 50mm mortar cubes. Manufactured from cast iron with simple cube release mechanism.

Standards

BS 1881-131, ASTM C109

Further Information

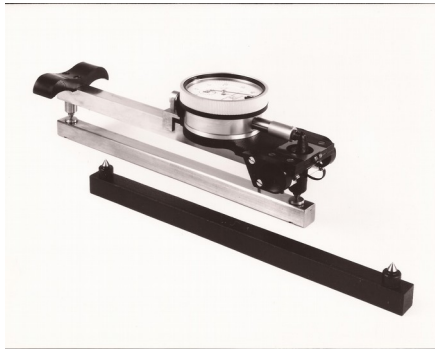
****NOT AVAILABLE FOR SALE IN THE USA****

Accessories



Mould Oil (25 Litre Drum)

Code: [82-7341](#)



200mm "Demec" Mechanical Strain Gauge

Code: [35-2846](#)

Product Group: [Strain Gauge](#)

This gauge is ideal for monitoring cracks and strains in a number of structure types.

Standards

BS 1881-206



50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Load Measurement](#), [Electronic Instrumentation](#), [Force measurement](#), [Electronic Instrumentation](#)

Maximum working capacity of 50 kN and excitation 10 V ac/dc with an output of 2.7 mV/V nominal.

Aluminium alloy and stainless steel construction with IP65 environmental protection.

Standards

EN 12697-34

Further Information

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

Accessories



Breaking Head (Marshall)

Code: [45-6850](#)



S-Type Load Cell 5 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)

Alternatives



Breaking Head (Marshall)

Code: [45-6850](#)



S-Type Load Cell 5 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)