



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

This wishlist was generated on 26/11/2016, and contains the following Products:

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39-7100/01

**10kN Flexural/Tensile Testing Machine**

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39-6160/01

**ADR-Auto V2.0 250/25 Cement Machine C/W Compression and Flexural Jigs and Platen Sets**

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39-6160

**Flexural Jig Assembly**

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39-1300/01

**Humidity Cabinet to En196 320 Litre Capacity**

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80-0200/01

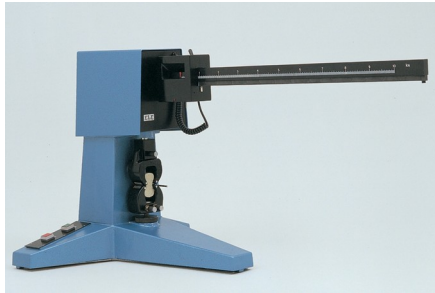
**ELE Sieve Shaker**

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79-5910

**12in Dia ASTM Sieve 1.00mm Stainless Steel Mesh.**

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## 10kN Flexural/Tensile Testing Machine

Code: 39-7100/01

Product Group: 10 kN Flexural/ Tensile Testing Machine

This single lever machine is designed for flexural tests on 40.1 x 40 x 160 mm mortar prisms and tensile tests on mortar briquettes. The rate of applied loading for flexural testing is to EN196-1. Load is applied by a weight travelling along the beam at a constant rate, driven by a motor/gearbox. Readings are made by means of a cursor visible through a window in the moving weight. Failure of a specimen triggers a switch mechanism and brings the weight to a halt immediately. To prevent overloading, a sensor is incorporated in the weight and automatically stops the machine at its maximum capacity of 10 kN. Supplied complete with flexural and tensile jaws.

### Standards

EN 196-1

### Further Information

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

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



## ADR-Auto V2.0 250/25 Cement Machine C/W Compression and Flexural Jigs and Platen Sets

Code: 39-6160/01

Product Group: [ADR-Auto V2.0 250/25 Compression Machine, Activity Index](#)

- 250 kN maximum capacity
- Calibration accuracy to BS EN ISO 7500-1; ASTM E4
- Automatic loading cycle
- 25 kN low capacity frame supplied as standard
- Tests a wide variety of specimen sizes
- Tests mortar, lime, cement and Fly Ash
- Complete with compression/flexural jigs and platen sets
- Supplied with Windows(R) download software as standard

The ADR-Auto 250/25 Machine provides consistent automatic testing of a wide range of specimens. The machine comprises a standard ELE 250/25 kN load frame and ADR-Auto console and incorporates all the features included in the ADR-Auto series concrete testing machines.

As standard the machine is supplied with platens fitted to the load frame, compression jig with 40 mm and 50mm/2 inch square platen sets and flexural jig for testing 40.1 x 40 x 160 mm prisms.

The availability of the 25 kN low capacity load frame as standard extends the test capability of the machine for low strength compression or flexural testing. The automatic loading cycle is controlled by a closed loop microprocessor hydraulic system incorporated with the display in the ADR-Auto console attached to the load frame. A serial output port is built into the system, enabling test data to be stored in memory (up to 500 test results) for subsequent downloading to PC or suitable printer.

## Standards

EN 196-1, EN 459-2, EN 1744, EN 1015-11, EN 13454-2, BS 3892-1, BS 4551-1, ASTM C109

## Further Information

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

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



## Flexural Jig Assembly

Code: [39-6160](#)

Product Group: [Cement Testing Accessories](#)

Does come as standard with 39-6160/01 and 39-6160/06.

Jig Is Designed For The Flexural Testing Of 40 X 40 X 160 Mm When Fitted In To ELE Range Of Compression Machines.

Fitted With One Upper And Two Lower Roller Bearers.



## Humidity Cabinet to En196 320 Litre Capacity

Code: 39-1300/01

Product Group: Humidity Cabinet BS EN, Prism  
Moulds and Inserts

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

## Standards

EN 196-1, EN 459-2, BS 3892-1

## Further Information

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

10 Reinforced Shelves and Circular Chart Recorder

## Specification

Capacity	320 litres
Dimensions External, Internal	660 x 635 x 1745 mm, 490 x 510 x 1275 mm
Temperature Range	+5.0°C to +60°C
Fluctuation (better than)	± 0.2°C
Variation (better than)	± 0.5°C
Recorder:	7 day,
Circular chart type,	0 – 50°C,
Temperature,	0 – 100% RH
Humidity	
Rated power	850 Watt
Number of shelves	10



# Product Sheet

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Weight 200 kg

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## Spares/Consumables



### Replacement Circular Charts

Code: [39-1300/10](#)



## ELE Sieve Shaker

Code: [80-0200/01](#)

Product Group: [ELE Sieve Shaker](#)

The ELE sieve shaker is powered by an electromagnetic drive that has no rotating parts to wear making it maintenance free and extremely quiet in operation.

The unit features a triple Vertical-Lateral-Rotary vibrating action that moves the sample over the sieve producing faster more efficient sieving, while the rapid vertical movements also help keep the apertures from blinding.

The shaker is ideal for laboratory or on site use. It is robust, compact and sufficiently lightweight to be portable. The separate digital microprocessor controlled console unit incorporates a keypad for setting the sieving program and is isolated from any effects of vibration from the shaker.

As standard the shaker includes, timer 0-999 minutes, adjustable vibration intensity and adjustable intermittent or continuous operation.

## Further Information

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

The unit accepts up to ten 200 mm or 8 inch, full height, diameter sieves and lid and receiver, or up to six 300 mm or 12 inch diameter sieves and lid and receiver. Complete as specified. Dimensions (l x w x h) 380 x 440 x 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.





## 12in Dia ASTM Sieve 1.00mm Stainless Steel Mesh.

Code: [79-5910](#)

Product Group: [12" Diameter ASTM Sieves, U.S. Standard Testing Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves](#)

## Standards

ASTM E11

## Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	No. 18
Sieve Opening Standard	1.00 mm
Sieve Opening Alternative (in.)	0.0394