



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

This wishlist was generated on 06/06/2019, and contains the following Products:

34-0192

Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

34-3265

Air Entrainment Meter B Type Complete with Carrying Case. Supplied with Aluminium Tamping Bar.

34-5210

100mm Dia Cylinder Mould 200mm Long.

35-1480

Standard Concrete Test Hammer

35-1530

Testing Anvil

36-3090/01

ADR Touch SOLO 2000 Semi-Automatic Compression Machine with Digital Readout.

38-4010

Vicat Frame Complete.

39-1100

Three-gang Mould

42-0410

Flakiness Gauge.

42-4005

Aggregate Impact Value Apparatus

42-4300

150mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

82-5442

Digital Thermometer



Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

Code: [34-0192](#)

Product Group: [Slump Test](#)

BS and ASTM comprising of slump cone, base plate, steel rule, tamping rod and funnel.

Further Information

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



Air Entrainment Meter B Type Complete with Carrying Case. Supplied with Aluminium Tamping Bar.

Code: **34-3265**

Product Group: **Precision Air Entrainment Meter, Precision Air Entrainment Meter**

- 7 litre capacity
- Shock-proof pressure gauge mounting
- Lightweight aluminum construction
- Heavy-duty plastic carrying case for easy transport to site

The proper control of entrained air in concrete is recognized as one of the most important functions in modern concrete manufacture. For the concrete engineer, the ELE Precision Air Entrainment Meter offers an instrument for the testing and designing of concrete mixes.

The instrument is designed so that the operating parts form an integral unit. The container is rigid, thus providing an accurate device for the performance of unit weight testing. For convenience, the tare weight in grams is stamped on the bottom. When used with the nomograph supplied within the operating instructions, the air meter provides quick and easy particle density and percent of free moisture in aggregate determinations.

Complies with BS 1881-106 EN 12350-7 ASTM C231

Standards

ASTM C231, AASHTO T152

Specification

Capacity	7 Litres
Readings	Up to 22% entrained air
Accuracy	1/4% full scale
Aggregate Size	2" (50.8 mm) maximum
Container	With tare weight stamped on bottom; 2-piece clamping device for positive seal.
Water	4 oz required
Initial Pressure	Approx. 10 strokes needed
Pressure Gauge	In shock-proof mounting
Tamping Rod	Aluminium; 24" (610 mm) long
Dimensions	9-3/4" diam. X 13-1/4" h. (248 x 337 mm)
Weight	Net 15 lbs (8 kg)



100mm Dia Cylinder Mould 200mm Long.

Code: [34-5210](#)

Product Group: [Cylinder Moulds](#)

100 mm diameter x 200 mm long, complete with base plate.

Standards

EN 12390-1, EN 12390-2

Further Information

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



Standard Concrete Test Hammer

Code: [35-1480](#)

Product Group: [Concrete Test Hammer, Surface Hardness](#)

The hammer is intended for testing the quality of concrete in finished structures such as buildings and bridges. Supplied complete with carrying case and carborundum stone, the hammer is suitable for testing concrete with compressive strengths of 10 to 70 N/mm².

Standards

ASTM C805

Specification

Body	Includes indicator scale, calibration curves.
Calibration Curves	Rebound number vs. compressive strength.
Rubbing Stone	Prepares test surface.
Accuracy	Within 15 %.
Carrying Case	Plastic.
Weight	Net 3 lbs. (1.4 kg).



Testing Anvil

Code: [35-1530](#)

Product Group: [Concrete Test Hammer](#), [Surface Hardness](#), [Testing Anvil](#)

Standards

ASTM C805



ADR Touch SOLO 2000 Semi-Automatic Compression Machine with Digital Readout.

Code: 36-3090/01

Product Group: General Purpose Compression Machines

- 2000 kN/450 000 lbf capacity
- Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- Incorporates an ADR touch digital readout with rugged electrically driven hydraulic power pack with manual pace control as standard.
- High stability welded construction steel frame.
- Fitted with front and rear gates for operator protection.
- Maximum vertical clearance between upper & lower platen 340mm and horizontal distance is 325 mm
- Supplied with 222 mm dia removable lower platen marked for centering of cube and cylinder specimens.

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

Further Information

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

The Standard range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

ACCURACY & SAVINGS

The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.
- Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

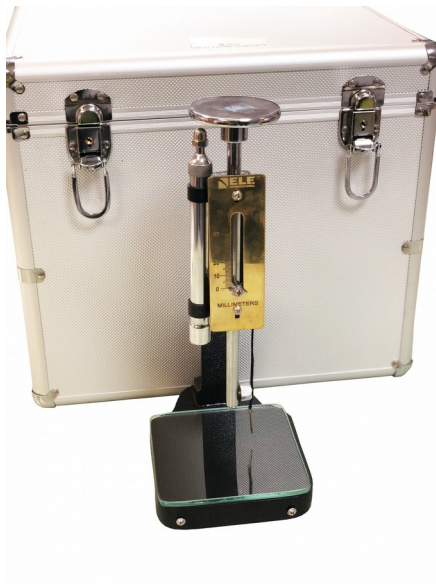
- Enhanced USB data communications between PC and machine - eliminating the need for download software.
- Two gigabytes of storage memory.
- Full customization of sample sizes - stress calculations are automatically recalculated.

USER SAFETY

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

Specification

Testing Standards	BS EN ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 150 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	n/a
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	325 mm
Platen Sizes	Lower, Upper 222 mm
Max Ram Travel	50 mm



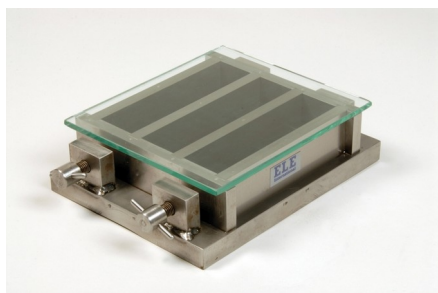
Vicat Frame Complete.

Code: [38-4010](#)

Product Group: [Vicat Method](#)

Vicat Apparatus is for determining the normal consistency, standard consistency and time of setting of cement and lime in accordance with IS, ASTM, BS and AASHTO specifications. The procedure, as recommended in various standards, is for determining the quantity of water required to produce a cement paste of standard consistency. The standard consistency is attained when the 10 mm plunger of the apparatus penetrates the material to a pre-determined depth under free-fall. A new sample is prepared and tested with initial and final needles in accordance with the procedure described in various specifications

Complies to EN 196-3, EN 480-2, EN 13454-2, ASTM C187, ASTM C191, AASHTO T129, AASHTO T131.



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****



Flakiness Gauge.

Code: [42-0410](#)

Product Group: [Flakiness Sieves and Gauges](#)

Constructed of heavy gauge sheet steel to the dimensions specified in BS 812.

Standards

BS 812

Further Information

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



Aggregate Impact Value Apparatus

Code: 42-4005

Product Group: [Aggregate Impact Value \(AIV\)](#),
[Aggregate Impact Value \(AIV\)](#)

Heavy duty construction, heavily plated assembly ensures corrosion resistance.



150mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

Code: 42-4300

Product Group: [Aggregate Crushing Value \(ACV\) and Ten Percent Fines Value \(TFV\)](#)

Comprising of 150 mm nominal diameter steel cylinder, plunger and base plate supplied complete with metal measure and tamping rod.

Standards

BS 812-112

Further Information

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



Digital Thermometer

Code: [82-5442](#)

Product Group: [Hand-held Digital Thermometers](#)

Range -75 - 1200°C

Further Information

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Specification

Range	-75 to +1200°C or -30 to +199.9°C or -75 to +1999°F
Resolution and accuracy	1°C (-75 to +1200°C), 0.2% ± 0.1°C, 0.1°C (-30 to +199.9°C) 0.2% ± 1.0°C, 1°F (-75 to +1999°F), 0.2% ± 2.0°F
Cold junction (automatic)	0 to 45°C
Weight	500 g