



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

This wishlist was generated on 31/01/2020, and contains the following Products:

23-7452

Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

23-7700

Calcium Carbide Powder 500G.

24-0410

Liquid Limit Device BS with Counter. C/W Metal Grooving Tool & Test Gauge.

24-9150/01

Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

34-0192

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

34-4520

100mm Cube Mould 4-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

34-6575/01

Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

35-1480

Standard Concrete Test Hammer

36-3280/01

ADR Touch SOLO 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

42-4300

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

47-0202

Digital Asphalt Thermometer

47-0202/10

250 Asphalt Probe

Contents

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



78-5477/01

Electronic Balance - 16 000 g x 0.5 g

82-5310

Maximum and Minimum Thermometer



Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7452](#)

Product Group: [Rapid Moisture Testers](#), [Rapid method by Speedy Moisture Tester](#), [Rapid method by Speedy Moisture Tester](#)

Uses a technique based on the fact that water will react with calcium carbide to form a gas and that the quantity of gas formed is directly proportional to the water present. The gas pressure is indicated on a built-in pressure gauge. The pressure gauge calibrated in percentage of moisture. Has a moisture range of 0-20% with gauge divisions every 0.2%. Holds a sample size of 20 g. Includes an electronic balance of 200 g capacity x 0.1 g readability and is supplied in plastic carrying case.

Standards

BS 812, ASTM D4944, AASHTO T217

Specification

Model	D2 Large
Moisture Range	0 to 20%
Gauge divisions	0.20%
Sample weight g	20
Weight complete kg	8.4



Calcium Carbide Powder 500G.

Code: [23-7700](#)

Product Group: [Accessories for the Speedy Moisture Tester](#), [Accessories for the Speedy Moisture Tester](#)

Supplied in 500 g container.

Standards

ASTM D4944, AASHTO T217

Further Information

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



Liquid Limit Device BS with Counter. C/W Metal Grooving Tool & Test Gauge.

Code: [24-0410](#)

Product Group: [Casagrande Method](#)

With revolution counter. Complete with metal grooving tool and test gauge.

Standards

BS 1377-2



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/01](#)

Product Group: [CBR Load Frames](#)

- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

Designed for performing laboratory CBR tests to BS 1377, EN13286-47 and ASTM D1883, this bench mounting machine comprises a twin column frame incorporating a motorised drive system. Rapid adjustment of the platen is provided, which enables daylight to be taken up quickly and also close control of application of a seating load.

Standards

BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193

Specification

Dimensions (l x w x h)	550 x 400 x 1220 mm
Max vertical clearance	800 mm
Horizontal clearance	255 mm
Platen diameter	133 mm
Platen travel	105 mm
Weight kg	80



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

Code: [34-0192](#)

Product Group: [Slump Test](#)

Test is appropriate for concrete mixes of medium and high workability.

The test is carried out by filling the slump cone with freshly mixed concrete, which is tamped with a steel rod in three layers. The concrete is levelled off with the top of the slump cone, the cone removed, and the slump of the sample is immediately measured.

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

Further Information

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



100mm Cube Mould 4-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

Code: [34-4520](#)

Product Group: [Cube Moulds](#), [Cube Moulds](#)

4-part with clamp attached base plate.

Standards

EN 12390-1, EN 12390-2

Specification

Construction

Bolted sides and clamped base
plate

Finish

Painted

Weight

20 lb (9.1 kg)



Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

Code: [34-6575/01](#)

Product Group: [Expansion \(swell\) Test Equipment, Large Curing Tank](#)

This large curing tank is supplied complete with a submersible pump, immersion heater/thermostat unit and separate control panel. The tank includes a lower rack as standard and is designed to maintain the temperature at $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$, providing that the ambient temperature does not fall below 15°C or rise above 20°C . 3000 cycles per minute.

Standards

EN 12390-2, ASTM C31, AASHTO T23

Further Information

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

Supplied as specified. For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Internal Dimensions	1040 x 1040 x 605 mm (l x w x h)
Capacity	650 litres
Rated Power	2000 watt
Weight	60 kg



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).



ADR Touch SOLO 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

Code: 36-3280/01

Product Group: BS EN Compression Machines

The ADR Touch range of 2000 kN and 3000 kN capacity compression machines has been designed to meet the need for reliable and consistent testing. The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram, which is protected from debris by a flexible cover, the lower platen is marked for the centring of cube and cylinder specimens. Self-centring lower platens for cube location are supplied as standard on EN machines and are available as an optional extra on the standard machine. The two machines for cube testing to EN standards are assembled and aligned using a special compression frame stability tester.

The dimensions of the frame allow the testing of concrete cylinders up to 320 mm long x 160 mm diameter, 150 and 100 mm square cubes, and on EN/BS machines, 200 mm square cubes. Kerbs and flagstones may also be tested on ADR machines as well as 150 mm and 100 mm square section beams to ASTM C78 using the optional 100 kN flexural frames which are connected to the power pack.

Standards

EN 12350-6, NF P18-411

Further Information

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

ADR Touch BS EN 2000 and 3000 kN compression machines are supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders.

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 12390-4, BS EN 12390-3, BS EN 12390-4, BS EN 12390-5, EN 12504-1, EN 1354, EN 1521, EN 3161, EN 1338, EN 772-6, EN 13286-41, BS 3892-3, BS 187, BS 6717, BS EN ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Class (Stability)	Tested
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm



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 Asphalt Thermometer

Code: [47-0202](#)

Product Group: [Digital Asphalt Thermometer](#)

Comprises a hand-held digital thermometer with an operating range of -99 to +1372 °C with a switchable resolution between 0.1 and 1.0 °C. Operates on a 9V battery and utilises K-type thermocouple sensors.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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

Specification

Range	-50 to 1000°C
Resolution	Switchable 0.1 or 1.0°C
Weight	300 g



250 Asphalt Probe

Code: [47-0202/10](#)

Product Group: [Digital Asphalt Thermometer](#)

Has a heavy-duty and reinforced needle probe. It is built with a t-shaped polyethylene handle and has a maximum tip temperature of 250°C and a 300 mm long probe.

Standards

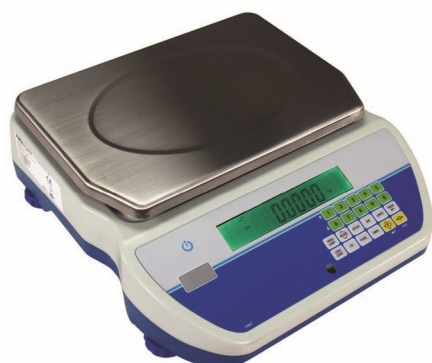
BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

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

Specification

Max Reading	250°C
Length of probe	300 mm
Tip diameter (needle point)	6 mm



Electronic Balance - 16 000 g x 0.5 g

Code: 78-5477/01

Product Group: [Electronic Balances](#)

- Backlit display changes colour for quick notification of checkweighing limits
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface is available to provide speedy connection to computers and printers
- Optional USB interface simplifies data communication
- Sealed keypad protects against dirt and spills
- Solid ABS housing is durable for industrial use
- Adjustable levelling feet help optimise setup
- Drip channels help divert spills away from the scales internal components
- Checkweighing with audible alarm
- External calibration allows for verification and adjustment with weights
- Internal counting resolution 1:600,000 for precise results
- Parts counting optimisation automatically refines piece weight as parts are added
- Parts counting with freely selectable sample sizes
- Preset tare function speeds the process of repetitive weighing
- Product look up (PLU) memory locations store a range of items for recall
- Programmable auto power-off to save energy
- Rechargeable battery included for operation almost anywhere

Applications: weighing, parts counting, checkweighing, check counting, accumulation of weight, percentage weighing and net total weighing.

Further Information

Not available for sale in the USA

Specification

Capacity resolution	16000 g x 0.5 g
Pan size	210 x 300 mm
Mains and battery	Yes
Dimensions (l x w x h)	326 x 355 x 115 mm
Net Weight	3.29 kg



Maximum and Minimum Thermometer

Code: [82-5310](#)

Product Group: [General-purpose Thermometers](#)

Non hazardous. Range -40 - +50°C

Further Information

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