



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

This wishlist was generated on 27/01/2020, and contains the following Products:

24-1800

Shrinkage Mould to BS 1377

24-9004

BS Compaction Rammer 4.5Kg Wt.

24-9183

Cbr Penetration Piston (Adjustable).

24-9186

Penetration Dial Gauge BS

24-9188

Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

24-9290

45kN (10000Lb) Capacity Mechanical Jack.

24-9298

Land Rover Bracket to Attach EL29-200 Jack. for Land Rovers Models 90 & 110 From 1983 Onwards.

24-9300

Ball Seating for EL 24-9290 45 kN Jack

24-9308

Set of Extension Rods Complete

24-9312

Datum Bar Assembly.

24-9320

10Lb (4.5Kg) Annular Surcharge Weight.

24-9322

10Lb (4.5Kg) Slotted Surcharge Weight.

34-2910

Compacting Bar 25mm Sq X 380mm

34-6250/01

Vibrating Table 600 X 400mm Table Top. 220-240V 50Hz 1Ph. Supplied with clamping assembly

34-6431/01

Vibrating Poker 25mm Dia Tip 290mm Long. 220-240V 50/60Hz 1Ph.

35-1480

Standard Concrete Test Hammer

35-1530

Testing Anvil

35-2302/09

Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

38-1000

Blaine Air Permeability Apparatus

38-1200

Le Chatelier Flask

38-2110

EN Initial and Final Set Needle

38-2200

Vicat Mould

38-2620

ASTM Initial Set Needle

38-4010

Vicat Frame Complete.

81-0335

Trowel - Gauging

81-0588

Vernier Caliper Range 0 to 200mm X 0.02mm.

81-0705

Wire Brush



Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

Standards

BS 1377



BS Compaction Rammer 4.5Kg Wt.

Code: [24-9004](#)

Product Group: [BS/EN compaction test 4.5kg, Straightedge](#)

50mm diameter with 450mm drop, manufactured from corrosion protected steel.

Standards

BS 1377-4, BS 1924-2

Specification

Rammer	50 mm dia, 4.5 kg
Drop	450 mm
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight kg	7.5



Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

As 24-9182 but with a coarse stem adjustment. This piston is particularly useful for in-situ testing.

Standards

BS 1377, BS 1924



Penetration Dial Gauge BS

Code: [24-9186](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.

Standards

BS 1377, BS 1924



Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: [24-9188](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

Standards

BS 1377, BS 1924



45kN (10000Lb) Capacity Mechanical Jack.

Code: 24-9290

Product Group: In-situ CBR, Conversion of In-situ to Laboratory CBR

The body is corrosion protected and houses an enclosed worm and wheel gear. The gear ratio has been carefully selected to provide a handwheel speed that can be comfortably maintained, particularly with soils of high CBR value. A quick-release device in the screwjack allows the plunger to be rapidly adjusted prior to the test.

Standards

BS 1377, BS 1924



Land Rover Bracket to Attach EL29-200 Jack. for Land Rovers Models 90 & 110 From 1983 Onwards.

Code: [24-9298](#)

Product Group: [In-situ CBR](#)

Fits all models in Land Rover series 90 and 110.

Standards

BS 1377, BS 1924



Ball Seating for EL 24-9290 45 kN Jack

Code: [24-9300](#)

Product Group: [In-situ CBR](#)

For fitting between the mechanical jack and reaction point. The ball seating is used when testing on undulating ground to ensure that the jack, load measuring ring and penetration piston are truly vertical. Non-axial loading of the load ring will give false results and will eventually damage the ring itself.

Standards

BS 1377, BS 1924



Set of Extension Rods Complete

Code: [24-9308](#)

Product Group: [In-situ CBR](#)

Made from high quality steel with large section thread for quick assembly.

Standards

BS 1377, BS 1924



Datum Bar Assembly.

Code: [24-9312](#)

Product Group: [In-situ CBR](#)

Comprising 2 tripod stands and a datum bar.

Standards

BS 1377, BS1924



10Lb (4.5Kg) Annular Surcharge Weight.

Code: [24-9320](#)

Product Group: [In-situ CBR](#)

Standards

BS 1377, BS 1924



10Lb (4.5Kg) Slotted Surcharge Weight.

Code: [24-9322](#)

Product Group: [In-situ CBR](#)

Standards

BS 1377, BS 1924



Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)

Product Group: [Accessories for Concrete Moulds,](#)
[Precision Air Entrainment Meter](#)

Steel, 380 x 25 mm (length x square) tamping area,
EN/BS.

Standards

EN 12390-1



Vibrating Table 600 X 400mm Table Top. 220-240V 50Hz 1Ph. Supplied with clamping assembly

Code: [34-6250/01](#)

Product Group: [Vibrating Table](#)

The ELE vibrating table is a compact unit providing controlled vibro-compaction in the laboratory, using cube or cylinder moulding equipment.

Vibrating table mounted on a steel stand, supplied with clamp assembly.

Complies to EN 12390-2, EN 12350-6 (BS 1881-107), EN 12350-7 (BS 1881-106)

Standards

EN 12390-2, EN 12350-6, EN 12350-7

Further Information

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

3000 cycles per minute. For 220 - 240 V AC, 50 Hz, 1 ph.

Specification

Dimensions (table top)	600 x 400 mm
Maximum no. Cube moulds	2 x 150 mm ²
Clamp Assembly	Single
Weight	60 kg



Vibrating Poker 25mm Dia Tip 290mm Long. 220-240V 50/60Hz 1Ph.

Code: [34-6431/01](#)

Product Group: [Vibrating Poker](#)

- High amplitude and speed
- Flexible shaft for long life

Used as an internal means of vibratory compaction. The poker is inserted into the concrete which is then compacted by the high frequency vibration action. For use in either laboratory or site environments, the diameter of the vibrating tip must not exceed 25% of the smallest dimension of the specimen.

Complies to EN 12390-2, ASTM C31/C31M, ASTM C192/C192M, AASHTO T23, AASHTO T126

Further Information

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

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

Specification

Tip Dimensions	25 mm diameter x 290 mm long
Shaft dimensions	2.0 m long
Speed	12,000 vibrations/min.
Overall Dimensions	200 x 300 x 350 mm
Weight	7 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).



Testing Anvil

Code: [35-1530](#)

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

Standards

ASTM C805



Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

Code: 35-2302/09

Product Group: Ultrasonic Detection, Ultrasonic
Concrete Test

35-2302/09 is the most versatile Concrete Tester to date. It has all the functions of the classic Concrete Tester, but offers additional benefits. Designed with laboratory use in mind, its compact size, rugged construction and optimized power consumption make it equally suitable for on-site use.

Along with the traditional transit time and pulse velocity measurement, 35-2302/09 offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimized pulse shaping gives greater transmission range at lower voltage levels. This coupled with automated combination of the transmitter voltage and the receiver gain ensures an optimum received signal level, ensuring accurate and stable measurements.

The waveform can be viewed either via an external oscilloscope connection or directly on a connected PC screen.

Full remote control capability completes the package.

Complete with two 54 kHz transducers each with 3.6 metres of cable, coupling agent, carrying case and instruction manual.

Applications include pulse velocity determination, quality assessment and uniformity, modulus of elasticity measurement, curing status evaluation, crack depth estimation, assessment of fibre reinforced concrete.

Consists of display unit, 2 transducers (54 kHz), 2 BNC cables 1.5m, couplant, calibration rod, USB charger with USB-cable, 4x AA (LR6) batteries, data carrier with software, documentation and carrying case.

Complies to BS 1881-203, EN 12504-4, ASTM C597.

Further Information

For 110 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Measuring range

Up to 15 m depending on

Product Sheet

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



Bandwidth	concrete quality
Technology	20 to 500 kHz
Measuring resolution	Ultrasonic pulse velocity
Pulse voltage UPV	0.1 us
Receiver gain	125 to 500 V
Pulse shape	1x, 10x, 100x, auto
Nominal transducer frequency	Square wave
Number of channels	24-500 kHz
	1



Blaine Air Permeability Apparatus

Code: 38-1000

Product Group: Blaine Fineness Apparatus,
Determination of Fineness Blaine Apparatus

- Designed for the determination of fineness to EN 196-6, BS 4359-2, ASTM C204
- Supplied complete with stainless steel cell perforated disc and plunger Manometer U-Tube Aspirator bottle of Manometer liquid (pure mineral 1 litre) and a box of filter papers

Standards

EN 196-6, EN 459-2, EN 13286-44, BS 4359-2, ASTM C204, AASHTO T153

Specification

Cell	Stainless steel; 12.70 ±0.10 mm i.d.
Disk	0.9 ±0.1 mm thick with 30-40 one mm diam. holes.
Plunger	Stainless steel.
Manometer	U-tube glass with ground joint, stop cock and rubber bulb assembly.
Filter Paper	12.70 mm diam.
Fluid	Pure Mineral Oil.
Weight	Net 7 lbs. (3.2 kg).



Le Chatelier Flask

Code: 38-1200

Product Group: Le Chatelier Flask, Specific Gravity (relative density) of Hydration Cement

For determining the density of hydraulic cement and lime, supplied complete with calibration certificate. Capacity 250ml. Graduated from 0 to 1 ml and from 18 to 24 ml graduations. Accurate to 0.05 ml.

Standards

EN 196-6, ASTM C128, ASTM C188, E 694, AASHTO T133

Specification

Graduations

Zero mark represents 250 ml, the capacity of the large bulb; neck graduations from 0-1 ml in 0.1 ml divisions with two extra 0.1 ml graduations above the 1.0 and below the 0 marks; bulb portion of neck holds 17 ml; top portion of neck graduated from 18-24 ml in 0.1 ml divisions; 24 ml capacity

Stopper

Ground glass

Weight

Net 8 oz. (227 g)



EN Initial and Final Set Needle

Code: [38-2110](#)

Product Group: [Vicat Method](#)

1.13mm diameter and 1.13mm diameter with special footing.

Standards

EN 196-3, EN 13454-2

Further Information

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



Vicat Mould

Code: [38-2200](#)

Product Group: [Vicat Method, Automatic Vicat](#)

Accessory: manufactured from brass and supplied complete with a ring and glass base plate.

Further Information

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



ASTM Initial Set Needle

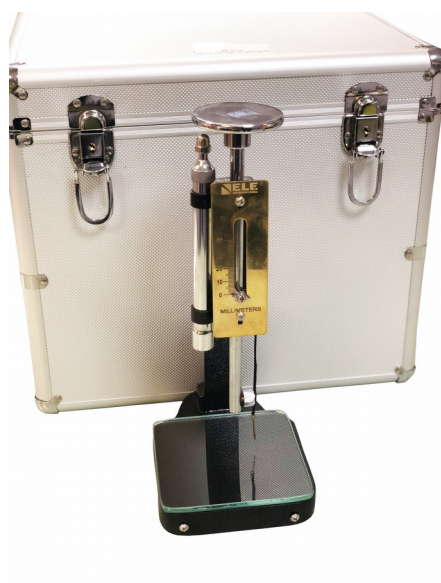
Code: [38-2620](#)

Product Group: [Vicat Apparatus](#), [Vicat Method](#)

1 mm diameter.

Standards

ASTM C187, ASTM C191



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.



Trowel - Gauging

Code: [81-0335](#)

Product Group: [Trowels and Floats](#)

Further Information

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



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

Product Group: [Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware](#)

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Gives four types of readings: inside, outside, depth and step. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error and knurled locking nut. Manufactured from hardened stainless steel for rigidity. Satin finish.

Conforms to DIN 862.

Standards

EN 933-4, BS 1377



Wire Brush

Code: [81-0705](#)

Product Group: [Accessories for Concrete Moulds](#),
[Miscellaneous Laboratory Hardware](#)

Further Information

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