

E091 BULK DENSITY OF LIME

STANDARDS: EN 459-2

The apparatus allows a sample to fall from a known height into a volumetric container. Consisting of a hopper, one litre cylindrical container and spring loaded trap.

Weight: 5 kg approx.



E091

E031 DROPPING BALL APPARATUS

STANDARDS: BS 4551-1, 6463-4

Used to measure the consistency of cement mortars, this instrument allows a 25 mm diameter acrylic ball to fall freely from a standard height of 250 mm into a specimen of mortar contained into a brass ring mould, and the surface of which has been carefully prepared. The depth of the ball penetration into the mortar gives the specimen consistency. The instrument comprises a dropping device mounted on a stand, acrylic ball, mould Ø 100x25 mm. The base of the stand is machined. Chromed finishing.

Weight: 8 kg approx.

ACCESSORY

E031-01

BALL PENETRATION MEASURING DEVICE, formed by a tripod on which a dial gauge 25x0.01 mm is mounted. A device to adjust the height of the dial in relation to the tripod is also included. Chromed finishing.

Weight: 1 kg approx.



E031

E031-01

E039-01 CEMENT WATER RETENTION APPARATUS

STANDARDS: ASTM C91, C110, C1506

Used to determine the water retention value of cement and lime putty. The unit comprises: water aspirator, vacuum regulator, vacuum gauge three-way stopcock, metal perforated dish, glass funnel, pack of filter paper, accessories; the whole assembled on stand. The vacuum pump with accessories are not included in the supply and have to be ordered separately.

Dimensions: 400x300x600 mm

Weight: 8 kg approx.



E039-01

ACCESSORIES

V205 + V230-03

Vacuum pump and tube. **Power supply:** 230V 1ph 50Hz
See p. 553

E036-KIT FLUIDITY TEST OF GROUTS FOR PRE-STRESSING TENDONS: GROUT SPREAD METHOD

STANDARD: EN 445

The grout spread test measures the fluidity of thixotropic grouts. The fluidity is measured by the diameter of the circle of grout spread on a smooth plate after a fixed period. The kit comprises:

E036-01 STIFF PLASTIC MOULD with internal diameter of 39 mm and a height of 60 mm

Weight: 70 g approx.

E036-02 GLASS PLATE, dimensions 305x305 mm



E036-KIT