

**E091**

**Bulk density of lime**

STANDARDS: EN 459-2 / DIN 1060

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



E091

**E031**

**Dropping ball apparatus**

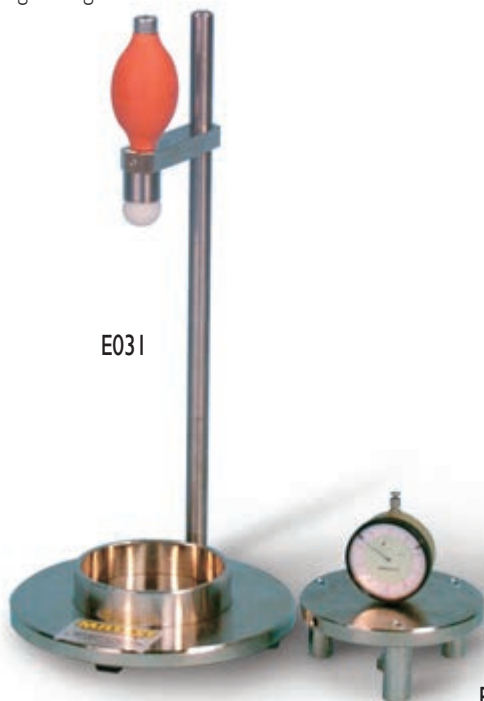
STANDARDS: BS 4551-1, 6463-4

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 dia. 100x25 mm. The base of the stand is machined. Chromed finishing. Weight: 8 kg

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



E031

E031-01

**E039N**

**Cement water retention apparatus**

STANDARDS: ASTM C91, C110

Used to determine the water retention value of cement and lime putty. The unit comprises: water aspirator; mercury column manometer; three-way stopcock; metal perforated dish; glass funnel; mercury valve; 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, while the mercury (1 kg needed) cannot be supplied for shipping safety problems. Dimensions: 400x300x600 mm Weight: 8 kg approx.



E039N

ACCESSORIES:

**V205 + V205-10 + V230-03**

Vacuum pump with accessories. Power supply: 230V 1ph 50Hz See pag. 487

**E036 KIT**

**Settling and swelling ratio apparatus of grouts. Container Method.**

STANDARD: EN 445, comparable to DIN 4227 / UNI 8996, 8998

The equipment consists of:

- E036-10** Container; stainless steel (3 pieces).
  - E036-11** Cover; airtight, ballast, stainless steel (3 pieces).
  - E036-12** Plexiglass disc (3 pieces).
  - E036-13** Measuring bridge.
  - V175** Vernier caliper.
  - V102-02** Filling graduated measurer.
- Total weight: 4 kg approx.



E036 KIT

