

E055N VICAT APPARATUS

SETTING TIME AND CONSISTENCY OF CEMENT

STANDARDS: EN 196-3 | EN 480-2 | EN 13279-2 (gypsum)

ASTM C191 | AASHTO T131 | NF P15-414, P15-431

The instrument consists of a metallic frame, graduated scale with index, sliding probe of 300 g, consistency plunger \varnothing 10 mm, glass base plate.

The needle and conical mould are not included and have to be ordered separately according to the selected Standard (see accessories).

Dimensions: 160x200x300 mm

Weight: 5 kg approx.



E055N with accessories

NEEDED ACCESSORIES

- E046N** NEEDLE, hardened \varnothing 1.13 mm EN 196-3
E046-01N NEEDLE, hardened \varnothing 1 mm ASTM - AASHTO
E055-10 CONICAL PLASTIC MOULD \varnothing 70/80 h 40 mm (EN - NF)
E055-05 CONICAL PLASTIC MOULD \varnothing 60/70 h 40 mm (ASTM - AASHTO)

CONICAL MOULDS TO BS, DIN, UNI SPECIFICATIONS:

- E055-04** CONICAL PLASTIC MOULD \varnothing 80/90 h 40 mm (UNI)
E055-13 CONICAL PLASTIC MOULD \varnothing 65/75 h 40 mm (DIN)
E055-11 CONICAL BRASS MOULD \varnothing 80/90 h 40 mm (BS)

ACCESSORIES

- E055-06** ADDITIONAL WEIGHT 700 g to the sliding probe (EN - NF)
E042N FINAL NEEDLE \varnothing 1.13 mm (EN - NF - BS)
E042-01N FINAL NEEDLE \varnothing 1 mm (Standards: ASTM - AASHTO)
E055-08 GLASS THERMOMETER -10 to +50 °C.
E044-40N CONICAL PENETRATION NEEDLE \varnothing 8 mm by 50 mm long for gypsum tests. Standards: EN 13279-2 | DIN 1168
E055-15 PROBE, total weight of 100 g for tests on gypsum, EN 13279-2 | DIN 1168



Accessories and Spare Parts for **E055N**

SPARES

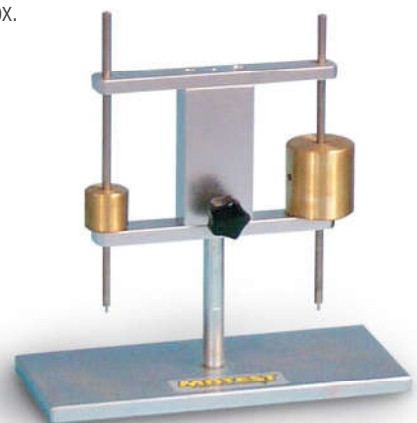
- E055-07** Glass base plate \varnothing 120 mm
E044-48N Tang to fix the needle to the probe
E042-02N Consistency plunger \varnothing 10x50 mm

E058 GILLMORE APPARATUS

STANDARDS: ASTM C91, C141, C266, C1398 | AASHTO T154

Used to determine the setting time of cement. Vertical support shaft has a device to maintain the horizontal arms in alignment. Support assembly is adjustable in position. The two steel weights needles are calibrated to meet Specifications. Needle points are from stainless steel. The initial setting needle has a diameter of 2.12 mm and a weight of 113 g, while the final setting needle has a diameter of 1.06 mm and a weight of 453.6 g.

Weight: 3 kg approx.



E058