

## C194 : Concrete pocket penetrometer

Standards : ASTM C403, AASHTO T197, UNI 7123

Used for the evaluation of the initial set of the concrete mortar.

The penetration plunger has a tip area of 32 sq/mm. It is plunged into the mortar to a depth of 25.4 mm. indicated on the plunger.

The resistance expressed in Kpa and Lbf/sq.in. is shown on the marked direct-reading scale.

Dimensions: Ø 25x210 mm

Weight: 400 g



C194

## C194-01: Concrete pocket dial penetrometer

Standards : ASTM C403, AASHTO T197, UNI 7123

To evaluate the initial set of concrete, and the effect of the retarders in the setting time.

The plunger has Ø ¼" (32.3 sq.mm.); the dial has dual scale: 0-700 p.s.i. and 0-50 kg/sq.cm.

Supplied complete with plastic case.

Weight: 300 g approx.



C194-01

## C213 : Concrete penetrometer

Standards : ASTM C403, AASHTO T197, UNI 7123

Used to determine the setting time of the mortar fraction in concrete mixes with slump greater than zero, by testing mortar sieved from mix. The apparatus consists of a spring penetrometer (capacity 100 kgf, precision 1 kgf) and six interchangeable stainless steel needle pointers of 16-32-65-160-325-650 mm<sup>2</sup> area.

A sliding ring indicates the reached load on the handle of the penetrometer.

Supplied complete with carrying case.

Dimensions: 450x160x70 mm

Weight: 5 kg approx.



C213

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