

Vicat Apparatus

DESCRIPTION:

Vicat apparatus is used for determining the setting time and consistency of cement by the vicat method.

The Vicat Apparatus set complete with: Initial set needle, final set needle, Vicat mold, thermometer, glass plate, and consistency plunger

TECHNICAL SPECIFICATIONS:

Dimensions	150x220x318 mm
Weight	3 kg



EN 196-3; 13454-2; ASTM C187; C191; AASHTO T129; T131

ORDERING:

CM 0113
Vicat Apparatus complete set.

CM 0113-4
Vicat Mold, EN

ACCESSORIES:

CM 0113-1
Initial Set Needle 1.13 mm dia., EN

CM 0113-5
Vicat Mold, ASTM

CM 0113-2
Final Set Needle 1.13 mm dia., EN

CM 0113-6
Vicat Thermometer

CM 0113-3
Initial Set Needle 1 mm dia., ASTM

CM 0113-7
Glass Plate

CM 0113-8
Consistency Plunger

Automatic Vicat Apparatus

DESCRIPTION:

The automatic Vicat Apparatus is used to determine the setting time and consistency of the cement mortar by using the Vicat method. The penetration depth is measured by a sensor with a 0.1mm resolution.

Along with hardening process development, the penetration depth decreases when it matches some thresholds pre-defined by standards initial and final setting times are measured and recorded.

The entire test is made in a fully automatic cycle and provides precise and repeatable results. The results are then printed on the integrated printer.

The Automatic Vicat Apparatus consists of: Windows Software and RS232 Cable, consistency plunger, initial needle, final needle, and mold.

TECHNICAL SPECIFICATIONS:

Dimensions	300x555x610 mm
Weight (approx.)	10 kg
Power	200 W

EN 196-3; 13454-2; ASTM C187; C191; AASHTO T129; T131



MAIN FEATURES:

- Transfer each single control or function of the Vicat on the PC
- Verify in real time each phase of the test
- Automatically download the final results