

Muffle furnace, 1200C

Make: LabTek

Model: SUN-CL-010

Origin: India

Standards: EN 196-2

Used for determining the loss on ignition of cement and building lime.

Max. temperature: 1200°C

Power: 4200 W

Inside dimensions (lxwxh): 210x280x145 mm

Overall dimensions: 510x650x650 mm

Weight approx.: 70 kg



Vicat Test Sets

Make: LabTek

Model: SUN-CL-011

Origin: India

Standards: EN 196-3, 480-2; ASTM C187, C191; AASHTO T129, T131

The Vicat Test Set is used for the determination of the setting time and consistency of cement by Vicat Method. The apparatus consists of a metallic frame bearing a freely movable and with a cap at top, one vicat mould and glass base plate and one set of needles one each initial needle, final needle and consistency plunger. It comes with a dashpot which facilities gentle lowering of the needles.

The Vicat Test Set is supplied complete with;

Vicat Mould

Initial and final Needles (for EN)

Vicat Needle (for ASTM)

Consistency Plunger

Supporting Plate

Glass Thermometer

Transfer Dish (for EN)

Dimensions: 150x190x318 mm

Weight (approx.): 3 kg



Gillmore Needle Apparatus

Make: LabTek

Model: SUN-CL-012

Origin: India

Standards: ASTM C91 | ASTM C141 | ASTM C266 | AASHTO T154 | ASTM C1398

Use to determine the setting time of cement. The apparatus consists of two horizontal arms which carry two weighted steel needles precisely machined to meet the requirement. The initial needle 2.12 mm dia., weighs 113 g and the final needle 1.06 mm dia., weighs 453,6 g.

Weight approx.: 2.5 kg



Pat test, Brass ring mould

Make: LabTek

Model: SUN-CL-013

Origin: India

Standards: EN 459-2 | BS 890 | BS 1191

Used for the determination of the soundness of hydrated lime and gypsum plasters. The mould is 100 mm dia. x 5 mm deep with an internal taper of 5°.

It is supplied complete with glass plate. Three are required for each test.