

Hydraulic shrinkage mould 40x40x160 mm

Make: LabTek

Model: SUN-CT-005

Origin: India

Standards: EN 12617-4 | EN 12808-4 | NF P15-413

This version is used for the determination of linear shrinkage of cement mortars (EN 12617-4). The same mould can be used for testing grouts conforming to EN 12808-4 replacing the standard plugs with the mould and placing two 15x40x160 mm plastic inserts inside each compartment. See accessories. Three gang mould, individually tested with certified instruments.

Made of special alloy steel, minimum hardness HV200. The shrinkage measurement has to be done with the Length comparator with the .

This version, conforming to UNI 6687, slightly differ from other version and it is used for the same determination.

Weight approx.: 12 kg



Hydraulic shrinkage mould 25x25x285 mm

Make: LabTek

Model: SUN-CT-006

Origin: India

Standards: ASTM C151 | ASTM C490 | ASTM C596

Two gang prism mould 25x25x285 mm complete with contact points. Gauge length 250mm, total length 285 mm.

Weight approx.: 6 kg. This mould is the same used for the Expansion of Portland cement with the High pressure autoclave, conforming to ASTM C151 and ASTM C490.

Cement – Autoclave, high pressure:

Make: LabTek

Model: SUN-CT-007

Origin: India

Standards: ASTM C151 | ASTM C490

The autoclave consists of a high-pressure steam vessel with internal dimensions 154 mm dia. x 430 mm high to accept a rack for holding 10 specimens obtained with the moulds (see accessories). Complete with pressure gauge, pressure regulator, temperature regulator, control switches, safety valve and specimen rack.

Certified conforming to ISPELS procedure.

Heater: 2600 w

Overall dimensions: 450x475x1080 mm

Weight approx.: 55 kg



Prism mould 75x75x285 mm to UNI

Make: LabTek

Model: SUN-CT-008

Origin: India

Standards: UNI 11604

Used for expansion test on concrete prisms to UNI 11604. Two gang prism mould 75x75x285 mm complete with contact points. Gauge length 250mm, total length 285 mm.



Steel measure, 400 ml

Make: LabTek

Model: SUN-CT-009

Origin: India

Standards: ASTM C185 | AASHTO T137

Used as a density method for the determination of the air content of freshly mixed mortars. Made of steel, 88.1 mm height x 76.2 mm internal diameter, it is calibrated to contain 400 ± 1 ml of water at 23°C. -Weight approx.: 800 g