

Vibrating Machine

Make: LabTek

Model: SUN-CL-030

Origin: India

Standards: IS 4031 1968, IS 1344 1959, BS 4550.

The machine consists of a vibrating frame assembly and an electric motor mounted on a sturdy base. The complete frame assembly consists of a vice to hold a 70.6 mm cube mould and two studs threaded at top and a hopper to feed the sample in the mould. This assembly is supported on four springs and has an in built rotating shaft which rotates eccentrically and thus imparts vibrations to the entire frame. A balance weight is an integral bottom part of the frame. The centre of gravity of the assembly is brought to the centre of the eccentric shaft within a distance of 25 mm below it. The electric motor drives the shaft of the frame and thus imparts required vibration to the moulds. The frequency of vibration is 12000 +/- 400 Vibration Per Minute.

Supplied complete with on 70.6 mm Cube Mould with loose base plate, a time switch 0-5mins x 1mm. Spares: Set of springs, belt and belt guard. Optional: Digital Preset Timer can be supplied at an extra cost.



Cement curing cabinet

Make: LabTek

Model: SUN-CL-031

Origin: India

Standards: ASTM C109 | ASTM C511 | EN 196-8 | EN 196-1 | EN ISO 679

Ideal for curing cement specimens in commercial and site laboratories, very practical and easy to use. The frame is made of strong polypropylene structure, which is chemical resistant and particularly suitable for cement applications. The front doors are fitted with transparent glass. The humidity is maintained from 95% to saturation by water nebulizer. The temperature is maintained to 20±1°C by a immersion heater and separated refrigerator unit . The four stainless steel racks of the internal frame can support the moulds with specimens and a large number of cement prisms. It can also be used to concrete cubes and other mortar specimens. Using a simple plastic pan is also possible to cure specimen in water.

The unit has to be connected to a suitable air compressor.

Power: 1700 W approx.

Internal dimensions (lxdxh): 1115x435x1500 mm

External dimensions: 1160x550x1900 mm



Cement curing bench-type cabinet

Make: LabTek

Model: SUN-CL-032

Origin: India

Standards: ASTM C109 | ASTM C511 | EN 196-8 | EN 196-1 | EN ISO 679

Ideal for curing cement specimens in commercial and site laboratories, very practical and easy to use. The cabinet is entirely made of "sandwich" stainless steel panels, isolated with polyurethane foam. The bench can be conveniently used as a working table being 2240 mm long, 700 mm wide and 860 mm high. Cooling system, temperature and humidity control are integrated in the structure and housed on the right cabinet. The system is designed to maintain the temperature within the operating range between +18 and +30°C with a relative humidity 95±5%. Each one of the 4 cells can be fitted with max 5 sliding grids which can support the moulds with specimens and a large number of cement prisms. Using a simple plastic pan (see accessory) is also possible to cure specimen in water. It can also be used for curing concrete cubes and other mortar specimens. The cabinet has to be connected to the water mains. The cabinet is fully conforming to the European directive 2006/95/CEE (and subsequent modification) and 2004/108/CEE (electromagnetic compatibility).

