

Automatic flexure/tension machine

Make: LabTek

Model: SUN-CL-033

Origin: India

Standards: ASTM C349 | ASTM C348 | EN 196-1 | ASTM C190

This machine is used for the flexural strength determination of cement specimens 40.1x40x160 mm and tensile tests on cement briquettes. It consists of a beam loading system with a travelling weight driven by an electric motor providing a constant increase in load throughout the test.

The machine is designed to accept either flexural or tensile attachments which have to be ordered separately as accessories. Automatic flexure/tension machine for cement specimens.

5000 N cap. 230 V, 50 Hz, 1 ph.

Wattage: 40 W

Dimensions: 510x1050x720 mm

Weight approx.: net 52 kg

Constant rate of loading

Dual range

Automatic stop at failure

Accepts flexural or briquette specimens

Single lever loading assures high accuracy

Automatic flexure/tension machine for cement specimens. 5000 N cap. 230 V, 50 Hz, 1 ph.



Compression-flexure cement testing frames

Make: LabTek

Model: SUN-CL-034

Origin: India

Standards: ASTM C109 | ASTM C349 | ASTM C348 | EN 196-1

These Multipurpose compression / flexural testers have been designed for various applications in which a limited maximum load is requested, together with a large testing space such as, for instance, compressive strength on lightweight concrete and soil-cement specimens using, if necessary, the suitable accessories. It is also ideal for testing high strength cement and refractory specimens. The large testing space is ideal for performing, with the suitable accessory, splitting tests and flexural tests on concrete specimens. Two versions are available:

Single compression station, 500 kN or 600 kN cap.: for compression tests on low strength specimens.

Double station model, 600/15 kN or 500/15 kN cap.: extends the possible applications to flexural tests on cement and compression tests on low strength specimens.

High rigidity: solid one piece steel frame

Universal compression testers, in practice, suitable to house various accessories for testing cement, mortar, resins and other materials

Special calibration starting from few kilonewtons available on request (see upgrading options)

when connected to suitable control unit

large testing space

Best quality/price ratio



Flexural test devices for mortar beams

Make: LabTek

Model: SUN-CL-034

Origin: India

Standards: ASTM C348 | EN 196-1

Robust frame fitted with an upper bearer that moves vertically supported by springs.

One of the two lower bearer can tilt horizontally and the distance between the two bearers is 100 mm for the EN version and 119 mm for the ASTM. Apart from that, the two models are identical.

Total height is 188 mm

Weight approx.: 8 kg

