



Los Angeles Abrasion Testing Machine

Make: LabTek

Model: SL-AG-004

Origin: India

Standards: IS 2386 (PART IV) ASTM C 131, AASHTO T-96

Specification: The machine consists of a hollow cylinder mounted horizontally on a study frame on ball bearings. There is an opening which can be closed with a dust tight cover to facilitate charging and discharging the drum with the material under test. A detachable shelf which extends throughout the inside length of the drum which catches the abrasive charge and does not allow it to fall on the cover. The drum is rotated by an electric motor through a heavy reduction gear at a speed of 30-33 R.P.M. A revolution counter is fitted to the frame. A tray is supplied for collection of the material at the end of the test. Complete with Abrasive Charge consisting of a set of Twelve hardened steel balls, approximately 48mm dia. Suitable for operation on 440 V, 3 Phase, 50 cycles, A.C. Supply.

Dorry Abrasion Testing Machine

Make: LabTek

Model: SL-AG-005

Origin: India

Standards: BS 812

Specification: It consists of a disc rotating about a shaft connected to a reduction gear box coupled to a motor. The disc rotates at 28-30 RPM. Under the rotating disc is a tray with an outlet to facilitate the removal of sand. Two Conical Hoppers are mounted on a bracket fixed to the circular tray. An arrangement is made for start and stop the flow of sand. Two containers with weights are supplied to keep the specimens pressed against the rotating disc. Suitable for operation on 220 V, 50 cycles, A.C. Supply.



Devel Attrition Tester

Make: LabTek

Model: SL-AG-006

Origin: India

Standards: ASTM D2-33 & IS 2386 (PART IV)

Specification: It consists of two hollow cylinders closed at one end and provided with Fitting covers at the either end. These cylinders are mounted on a shaft at angle of 300 with the axis of rotation of the shaft. The shaft rotates at 30-33 RPM. Through a reduction gear operated by a motor and is provided with a revolution counter. Complete with Abrasive Charge consisting of 12 Nos. Hardened steel Balls of 48mm dia. Suitable for operation on 440 Volts, Three Phase, 50 Cycles, A.C. supply.

Note : Option of Digital Preset Counter can be provided at an Extra Cost.

Wide Wheel Abrasion Testing Machine

Make: LabTek

Model: SL-AG-007

Origin: India

Standards: Wide Wheel : EN 1338, 1339, 1340, 1341, 1342, 13748-1, 13748-2, 14157 , Narrow Wheel: 10545-6, 12808-2

Specification: Abrasion Testing Machine is designed for determining the resistance to abrasion/wear of natural stones and concrete products used for paving. The abrasion wheel is 70 mm thick and rotates at a speed of 75 rpm. The machine is equipped with a digital counter which stops the machine at the end of a preset number of revolutions. Narrow Wheel Abrasion Testing Machine is designed for determining the resistance to abrasion of unglazed tiles, grouts used for tiles and clay pavers. The abrasion wheel is 10 mm thick. Abrasive corundum sand, calibration marble (boloneisse) and mould (for EN 12808-2) should be ordered separately.

