

SOIL/CIVIL/BUILDING MATERIAL EQUIPMENTS

AIR ENTRAINMENT METER



As Entrainment of air in limited percentage improves durability of concrete and very low percentages deteriorate it.

CEMENT AUTOCLAVE



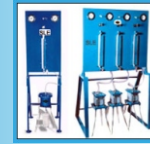
Laboratory Cement Autoclave is suitable for conducting accelerated soundness test on Cement or the Autoclave expansion test.

COMPRESSION TESTING MACHINE



Compression Testing Machine 2000 KN (200 Tons) Capacity (Four Pillar Model) Electrically Operated fitted

CONCRETE PERMEABILITY APPARATUS



The design of concrete mix is aimed at maximum durability for the conditions prevailing at the site

DIRECT SHEAR APPARATUS



Electrically operated to give the following 12 rates or strains. 1.25, 0.625, 0.25, 0.125, 0.05, 0.025, 0.01

DUCTILITY TESTING APPARATUS



The apparatus consists of a water bath with a thermostatic heater, and a circulating pump to maintain

GYROTARY SIEVE SHAKER



Time switch 0 - 60 Minutes. The Adaptor for 30 cm dia sieves Shaker.

LABORATORY C.B.R. TEST APPARATUS



Load Frame, Electricity cum Manually Operated 220 V, Single Phase AC Supply

LABORATORY CONCRETE MIXER



The Mixer consists of a steel vessel of 55/ 110 liters capacity (Approx.), for mixing

MARSHALL STABILITY TEST APPARATUS



The Marshall stability of mix is defined as a maximum load carried by a compacted specimen

MORTAR MIXER



Mortar Mixer is used for mixing cement pastes, mortars and pozzolanas

PAVEMENT CORE DRILLING MACHINE



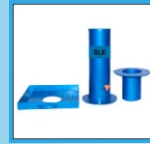
The Pavement Core drilling machine, diesel engine powered road building drill has been designed

PROCTOR COMPACTION APPARATUS



Proctor Compaction Apparatus - Model 1 & Model 2

SAND POURING CYLINDER



This apparatus is used for determination of dry density of compaction

SLUMP TEST APPARATUS



The Apparatus consists of one slump cone with handles and foot pieces

SOIL TEST KITS



Soil testing is vital as aspect of agricultural and horticultural management.

SPEEDY MOISTURE METER



The unit consists of a pressure vessel with clamp for Sealing cap, rubber sealing gasket

UNCONFINED COMPRESSION TESTER



Unconfined compression tester is hand operated instrument for determining the unconfined compression strength

UNIVERSAL AUTOMATIC COMPACTOR



It is a motor driven mechanical compactor useful for soil compaction into 100 mm or 150 mm

VIBRATING MACHINE



A specially designed Vibrating Machine is used for vibrating the mix in moulds according to strictly

OTHER EQUIPMENTS

- ▶ GC
- ▶ AAS
- ▶ HPLC
- ▶ Analytical Balances
- ▶ Elisa Reader/Washer
- ▶ Weather Station
- ▶ Particle Size Analyzer
- ▶ Airborne Particle Counter
- ▶ Rockers/Shaker Autoclaves
- ▶ UV Visible Spectrophotometer

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