

RELATIVE DENSITY APPARATUS

BE 02

The apparatus measures the relative density of cohesion less, free-draining soils, suitable for soils with up to 12% particles passing a No. 200 (75 μ m) sieve, which don't respond well to standard compaction tests. It uses vibratory compaction for maximum density and pouring for minimum density. The set includes a vibrating table.

STANDARD FOLLOWING

ASTM D4253, D4254.

IS 2720 (Part 14)

THE EQUIPMENT INCLUDES THE FOLLOWING PARTS

BE 02-01	VIBRATING TABLE	A steel table featuring a cushioned, vibrating steel platform, designed to operate at around 3,600 vibrations per minute when loaded with 115 kg. It is built to function on a 415 V, 50 Hz, three-phase AC power supply.
BE 02-01	Cylindrical Metal Unit Weight Mould	Cylindrical Mould of 3000 cm ³ capacity complete with guide sleeves and clamp, assembly surcharge weight with base plate and handle is equivalent to 140 gm/cm ² .
BE 02-02	Cylindrical Metal Unit Weight Mould	Cylindrical Mould of 15000 cm ³ capacity complete with guide sleeves and clamp, assembly surcharge weight with base plate and handle is equivalent to 140 gm/cm ² .
Be 02-03	Dial Gauge Holder	Dial Gauge holder
BE 02-04	Dial Gauge	Dial Gauge 0.01mm x 50mm with travel with extension piece
BE 02-05	Calibration bar	Calibration bar 75mm x 300mm x 3mm - 1 Set

