



RELATIVE DENSITY

●● HS14.35

Relative Density Apparatus

Primarily meant for determination of void ratio of cohesion less, free draining soils, in loosest and densest states as per IS : 2720 (Part XIV), IS:10837. It consists of :

- iii) Guide sleeve with clamps for item (ii) above.
- iv) Surcharge weight with handle for (ii) above.
- v) Surcharge base plate with handle for (iv).
- x) Handle for surcharge base plate.
- xi) Metal calibration bar 75 x 300 x 3 mm.
- xii) Dial gauge holder
- xiii) Dial Gauge 0.01 mm x 50 mm one no.



HS14.35

- i) Vibrating table, suitable to work with 440V, 50 Hz. Three phase power supply. Vibration deck of size 750 mm square, vibrating at a frequency of 3600 vibrations/min under a 115 kg load and amplitude variable from 0.05 mm to 0.65 mm.
- ii) Cylindrical unit weight mould, 3000 ml capacity.
- vi) Cylindrical unit weight mould, 15000 ml capacity.
- vii) Guide sleeve with clamp for item (vi) above.
- viii) Surcharge weight with handle for (vi)
- ix) Surcharge base plate with handle for (viii)

ACCESSORIES:

HS14.35.1 Pouring Device, 120 mm diameter x 150 mm long cylindrical with spout.

HS14.35.2 Pouring Device, 250 mm diameter x 150 mm long cylindrical with spout.