

California Bearing Ratio

LABORATORY CBR APPARATUS - DIGITAL- IS:2720 (PART XVI)

Digital CBR testing machine- IS:2720 (Part XVI)

Physical data

- Capacity : 5 tons
- Power supply : Single phase, 220 volts AC
- Readout : Digital (flow and load)

Salient features

No need of separate observation on dial gauge and Proving ring

- Facility to readout rate of loading in mm/minute.
- Tare system to nullify initial load
- The digital LCD display will retain the peak value until it is cleared.
- Flow value and load on a single screen.
- Flow value with a least count of 0.01 mm with accuracy of 1%.
- Load value with a least count of 0.1 kg / 0.001 KN with accuracy of 1%.
- Back light facility to observe the readings even in the dark.
- Four line readout showing load, flow, speed, CBR value @ 2.5 mm and 5mm, and load at 0.5 mm, 1 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 3.5 mm, 4 mm, 4.5 mm, 5 mm, 7.5 mm, 10 mm and 12 mm.(scrolling)

Auto calculation of CBR value at 2.5 mm and 5 mm.

- Over load safety at pre decided load.
- Over travel safety.

Auto reverse to home position on pre set over travel

- Auto internal calibration facility to calibrate load and flow.
- Confirming to BIS 2720 (Part 16)

Standard accessories supplied

- C.B.R. Mould Mild steel,
- Penetration Piston,
- Perforated Plate,
- Displacer Block,
- Annular and Slotted Metal Weight 2.5 kg,
- Metal Tripod Stand,
- Compaction Rammer 2.6 kg and 4.89 kg. : 1 No. each



UMI-106D