



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

COMPACT CBR LOAD FRAME-SINGLE SPEED-DIGITAL



Single speed of 1.25/min. Working on 230 Volts AC single Phase. The Load frame consist of a **geared Motor and Bronze Gears** for long lasting performance.

Compliance Standards

IS:2720 (Part XVI)

Physical data:

1. Capacity : 5 tons
2. Power supply : Single phase, 220 volts AC
3. Readout : Digital (flow and load)

Salient features:

1. Facility to readout rate of loading in mm/minute.
2. Tare system to nullify initial load
3. The digital LCD display will retain the peak value until it is cleared.
4. Flow value and load on a single screen.
5. Flow value with a least count of 0.01 mm with accuracy of 1%.
6. Load value with a least count of 0.1 kg / 0.001 KN with accuracy of 1%.
7. Back light facility to observe the readings even in the dark.
8. 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)
9. **Auto calculation of CBR value at 2.5 mm and 5 mm.:**
10. Over load safety at pre decided load.

11. Over travel safety.
12. **Auto reverse to home position on pre set over travel:**
13. Auto internal calibration facility to calibrate load and flow.
14. Confirming to BIS 2720 (Part 16)

Essential accessories for CBR Test at extra cost

1. C.B.R. Mould Mild steel, with collar and base plate - 1 No.
2. Penetration Piston - 1 No.
3. Brass Perforated swell Plate - 1 No.
4. Displacer Block - 1 No.
5. Annular and Slotted Metal Weight 2.5 kg - 1 No.
6. Metal Tripod Stand - 1 No.
7. Compaction Rammer 2.6 kg and 4.89 kg. : 1 No. each
8. Filter Paper - Box of 100 circles

Weight : 120 kg. Approx.

Technical Specification

- Overall Dimensions : 590 X 640 X 1300 (L X W X D) mm
- Weight (Approx.) : 130 kg

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F