



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

COMPACT CBR LOAD FRAME - SINGLE SPEED - DIGITAL - WITH SOFT WARE



COMPACT CBR LOAD FRAME SINGLE SPEED DIGITAL WITH SOFT WARE

Single speed of 1.25/min. Working on 230 Volts AC single Phase. The Load frame consist of **BONVARIO ITALY make Geared Motor and Bronze Gears** for long lasting performance. Further details as mentioned in the long description

Complies with following testing standards:

IS: 2720 (Part XVI), IS: 9669

Applications:

EIE Motorized California Bearing Ratio Test Apparatus determines the load carrying capacity in the laboratory when in place density and water contents are such that the degree of saturation is 80 % or greater, when material is cohesionless and coarse grained.

Details:

1. Load frame, motorized 5000 Kg (50 kn) capacity
2. Designed with single rate of travel 1.25mm/min
3. Benchtop design - Compact load frame
4. Exterior body fabricated from Mild steel
5. Powder coated paint in attractive shades
6. Operates on 230 volts, single phase, AC Supply
7. Weight : 98 Kg. Approx.
8. **Essential accessories to perform CBR Test is available at extra cost.**

Direct analytical reports on computer, Auto generation of load/time graph. Auto calculation of CBR value, Two way communication facility - Can operate the machine through PC, Name of Issuing Lab and customer name can be inserted, Auto date and time of testing with age of testing (from the date of sample receipt), Transfer of result to PC on pressing ENT key. Results can be printed in EXCEL format. Data and design subject to change due to continuous R&D.

Salient Features

1. Direct analytical reports on PC Software
2. Auto generation of Load Vs. Time graph
3. Auto calculation of CBR value
4. Two way communication to operate the machine from computer (Through RS-232 port 9 pin)
5. Name of Issuing Lab and customer name can be inserted
6. Auto date and time of testing with age of testing (from the date of sample receipt),
7. Data preservation in excel format
8. Auto saver of excel file

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