



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

IS 2720, 9669 - ELECTRIC OPERATED LABORATORY CBR APPARATUS - WITH 10 KN PROVING RING



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.

Supplied complete with following accessories: 1 No each:

1. Load frame, motorized 5000 Kg (50 kn) capacity, with single rate of travel 1.25mm/min
2. C.B.R. Mould, 150 mm diameter x 175 mm high with extension collar & perforated base plate. Made of Mild steel. : 1 No
3. Penetration Piston, face diameter 50 mm with adjustable bracket.: 1 No
4. Perforated plate, 148 mm diameter with adjustable stem and lock nut-gunmetal : 1 No
5. Displacer block, 148 mm diameter x 47.7 mm high with detachable handle.: 1 No
6. Annular metal weight, 2.5 kg, 147 mm diameter with 53 mm diameter central hole.: 1 No
7. Slotted metal weight, 2.5 kg, 147 mm diameter with 53 mm diameter slot.: 1 No
8. Metal tripod stand for dial gauges.:1 No
9. Rammer 2.6 kg weight with a drop of 310 mm : 1 No
10. Rammer 4.89 kg with weight with a drop of 450 mm: 1 No
11. High sensitivity proving ring, 10 KN capacity fitted with 0.002 mm dial gauge in a nice teakwood case. : 1 No
12. Dial gauge 0.01mm x 25mm / 30mm travel : 1 No.

Digital version with PC interface and software also available.

Technical Specification

- Voltage / Power : 220/230 V AC Single Phase, 50 Hz./0.5 HP
- Overall Dimensions : 590X640X1300 MM
- Weight (Approx) : 135 kg

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