SOIL > CALIFORNIA BEARING RATIO

CBR TESTING MACHINE (Digital, Multi-Speed)

Code : T003



- The Laboratory CBR Tester is used to determine the California Bearing Ratio (CBR) of soil specimens, a critical parameter for evaluating the mechanical strength of road subgrades and base layers in pavement design.
- The Multispeed model is equipped with a touch screen load/flow indicator and PC connectivity, facilitating real-time data transfer and plotting of load versus penetration graphs, essential for detailed analysis and documentation.
- Designed to apply loads at standardized rates of 1.00 mm/min, 1.27 mm/min and 2.50 mm/min, conforming to ASTM D1883, BS 1377-4, and EN 13286-47 specifications, ensuring consistency and reliability in test results.
- Constructed with high-quality materials and components, the CBR Tester ensures durability and long-term performance in rigorous laboratory environments.

STANDARDS

ASTM D1883 • BS 1377-4 • EN 13286-47

TECHNICAL SPECIFICATIONS

- Capacity: 50 kN
- Load Rates: 1.00 mm/min, 1.27 mm/min and 2.50 mm/min
- Display: Touch Screen Load/Flow Indicator with PC Software for Data Collection
- Load Measurement: High Precision Load Cell
- Penetration Measurement: Electronic Measurement with Peak Hold Function
- Power Supply: 220 - 240 V / 50 - 60 Hz

EQUIPPED WITH

- CBR Penetration Piston
- USB Connectivity for Data Transfer (Fully Automatic and Digital Models)

ORDERING INFORMATION

Item Name	Item Code
LAB. CBR APPARATUS - Digital - Multi-Speed	T003M05XU