

SOIL > CALIFORNIA BEARING RATIO

LABORATORY CBR TESTER

Code : T001



- The California Bearing Ratio (CBR) is a penetration test carried out to evaluate the mechanical strength of road subgrades and base-coarse layers.
- Equipped with an TFT controlling unit.
- Has a capacity of 50 kN and automatically performs the test, with an automatic stop after finishing the test and returning to initial position.
- The TFT screen shows the Loading and Penetration in a real time during the test.
- Can be connected to PC via USB cable;
 - Fully automatic model has a software to automatically do the CBR calculations and generate ready-to-use reports
 - Digital model allows transfer of data in realtime to PC via USB to plot load vs. penetration graph

STANDARDS

ASTM 1883 • BS 1377-4 • EN 13286-47

TECHNICAL SPECIFICATIONS

FULLY AUTOMATIC MODEL:

- Capacity : 50 kN
- 7" Touch Screen with PC Software for Reporting and Automatic Calculations & Corrections
- High Precision Load Cell
- Electronic Measure of Penetration
- Peak Hold of Load and Penetration
- Load Rate: 1.00 and 1.27 mm/min
- 220 - 240 V / 50 - 60 Hz

DIGITAL MODEL:

- Capacity : 50 kN
- Touch Screen Load/Flow Indicator with PC Software for Data Collection
- High Precision Load Cell
- Electronic Measure of Penetration
- Peak Hold of Load and Penetration
- Equipped with TFT Indicator
- Load Rate: 1.00 and 1.27 mm/min
- 220 - 240 V / 50 - 60 Hz

LOAD-RING MODEL:

- Capacity : 50 kN
- Equipped with Loadring and Dial Indicator
- Load Rate: 1.00 and 1.27 mm/min

- 220 - 240 V / 50 - 60 Hz

ORDERING INFORMATION

Item	Code
LAB. CBR APPARATUS - TFT	T001A05XU
LAB. CBR APPARATUS - Load Ring	T001L05XU
LAB. CBR APPARATUS - Digital	T001M05XU
SPARE LOAD/DEFORMATION INDICATOR for T001M	T001P001X
CBR PENETRATION PISTON	T001P002X
FIELD CBR SET	T002L05XH
CONVERSION FRAME for T-001/F	T002P001H
LAB. CBR APPARATUS - Digital - Multi-Speed	T003M05XU

OTHER PHOTOS

