

California Bearing Ratio Test Apparatus MODEL – SL - 1222, MAKE – SLBT, ORIGIN – INDIA



Standards: EN 13286-47; BS 1377:4; ASTM D1883; AASHTO T193; NF P94-078; UNI CNR 10009

Main Features:

- Calculates corrected CBR value at 2.5 and 5 mm the digital unit saves the load value at user defined displacement values such as 0.625, 1.25, 1.875, 2.5, 3.75, 5, 7.5, 10, 12.5 mm
- The load corresponds to the displacements corrected respect to the linear region of the data has also saved
- The % CBR at 2.5 mm and % CBR at 5 mm is also automatically calculated and saved
- Can make test with displacement and limited load control.
- Real time display of test graph.
- CPU card with 32-bit arm RISC architecture
- Permanent storage capacity up to 10000 test results
- 4 analog channels, 2 channels are active for CBR
- 1/256000 points resolution per channel
- 10 data per second sample rate for each channel
- Ethernet connecting for computer interface
- 800×480 resolution 65535 color TFT-LCD industrial touchscreen
- 4 main function keys
- Multi-language support
- 3 different unit system selection; kn, ton and lb
- Real-time clock and date
- Test result visualization and memory management interface
- Remote connection through ethernet
- USB flash disc for importing test results and for firmware
- USB printer support for inkjet and laser printers(ask for compatible models)
- Camera support for real-time video recording during test(ask for compatible models)
- Free of charge PC software for the test control and advanced report generation

The CBR test machine is supplied complete with:

- Load cell, 50 kN

- Penetration piston
- Linear potentiometric displacement transducer with connection part, 25×0.001 mm
- Computer software
- Connection cable
- Advanced report generation

Dimensions : 480 x 650 x 1150 mm

Weight (approx.) : 110 Kg

Power : 370 W