

Product Name :
Automatic CBR Test Apparatus

Product Code :
ENGLABINGCAG4000046



Description :

Automatic CBR Test Apparatus

Technical Specification :

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
- 4 main function keys
- Multi-language support
- 3 different unit system selection; kn, ton and lb
- Real-time clock and date
- Ethernet connecting for computer interface
- 800×480 resolution 65535 color TFT-LCD industrial touchscreen
- 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



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