



Automatic CBR Test Device

PRODUCT CODE

NT-S2590 Automatic Digital CBR Test Machine 50 kN 220-240V, 50-60hz. 1ph.

STANDARDS

AASHTO T193, ASTM D1883 •
EN 13286-47 • BS 1377-4

SPECIFICATIONS

The Automatic CBR Testing Machine is specifically designed to measure the bearing capacity of road substructures and soil layers in a laboratory environment. It is particularly suitable for the strength analysis of highway subbases, subgrades, and cohesive materials with a maximum grain size of 19 mm.

The device features a 50 kN capacity double-column test frame with an electromechanical drive, a digital control unit, and high-precision load cell measurement systems. Its user-friendly interface and automated testing features increase test repeatability and accuracy.

The machine is equipped with upper and lower piston travel limit switches.

Advantages

- ✓ Full automatic test cycle: Load, data-logging and graphs are automatically produced.
- ✓ High Sensitivity: $\pm 0.1\%$ accuracy with advanced sensor technology
- ✓ Multi Purpose use: Compatibility with ASTM, BS, EN, AASHTO test standards
- ✓ Ease of Use: User-friendly interface and quick installation
- ✓ Robust Frame: Robust and compact design suitable for laboratory conditions



Technical Specifications

Frame	50 kN capacity, Digital screen
Load Cell	50 kN capacity, high sensitive load cell
CBR Penetration Piston	Complies with the standards
Displacement transducer	25mm x 0,01mm sensitive linear potentiometric displacement transducer
Ölçüler En x Boy x Yükseklik	470 x 610 x 1100 mm ağırlık yaklaşık 80 kg
Voltaj	220-240V 50-60hz. 1 ph