

CBR Test Machine with Digital Readout Unit

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

DESCRIPTION:

The CBR Test Machine with Digital Readout Unit is designed for performing laboratory evaluation of the CBR value of highway sub-bases, subgrade and for the determination of the strength of cohesive materials which have a maximum particle sizes less than 19 mm.

The CBR Test Machine with Digital Readout is designed to load the penetration piston into the soil sample at a constant rate to measure the applied load and piston penetration at predetermined intervals. The Machine has 2 digital readout units for load and displacement.

The machine is designed to be mounted on a suitable bench and comprises of a robust and compact two column frame with the adjustable upper cross beam.

The frame has a capacity of 50 kN. Two test speeds are provided 1.0 mm/min for BS and 1.27 mm/min. for EN ASTM/EN/AASHTO tests.

This main feature allows the user to perform tests complying to BS or ASTM/EN/AASHTO standards with the same machine.

Automatic loading and unloading are down from the front panel by UP/DOWN buttons. Unloading speed is adjusted 5 mm/min for easy re-testing.

The CBR Test Machine is supplied complete with:

Load Cell, 50 kN Linear Potentiometric Displacement Transducer with Connection Part, 25x0.001 mm Penetration Piston

TECHNICAL SPECIFICATIONS:

Dimensions	480x650x1150 mm
Weight (approx.)	110 kg
Power	370 W

ORDERING:

SL 0797
CBR Test machine with digital readout 50 kN.

ACCESSORIES:

SL 0797-1
Penetration Piston.

SL 0797-2
Load Cell, 50 kN

SL 0797-3
Linear Potentiometric Displacement Transducer with Connection Part, 25x0.001 mm

