

CBR Test Machine with Load Ring

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

DESCRIPTION:

The CBR Test Machine with Load Ring is designed for performing laboratory evaluation of the CBR value of highway sub-bases and subgrade and for the determination of the strength of cohesive materials which have maximum particle sizes less than 19 mm (3/4”).

The CBR Test Machine with 50kN load ring and dial gauge 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 a load ring and two dial gauges one for reading penetration and one for the load ring.

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 50 kN capacity. Two test speeds are provided 1.0 mm/min for BS, EN and 1.27 mm/min. for ASTM/EN/AASHTO tests.

This main feature allows the user to perform tests complying to BS, EN or ASTM/EN/AASHTO standards with the same machine. 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 Ring, 50 kN with a dial gauge. Digital Gauge with Connection Part, 25x0.01 mm Penetration Piston

TECHNICAL SPECIFICATIONS:

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

ORDERING:

SL 0796

CBR Test Machine with Load Ring complete set. 50 kN capacity.

ACCESSORIES:

SL 0796-1

Penetration Piston.

SL 0796-2

Penetration Dial Gauge BS, 25 mm x 0.01 mm divisions.

SL 0796-3

Load Ring, 50 KN complete.

