

Product Code

- UTS-0854 CBR Test Machine with Digital Readout Unit,
50 kN Capacity 220-240 V 50-60 Hz
- UTS-0854/110 CBR Test Machine with Digital Readout Unit,
50 kN Capacity 110 V 60 Hz

Standards

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

The UTS-0854 is designed for performing laboratory evaluation of the CBR value of highway subbases and subgrade and for the determination of strength of cohesive materials which have maximum particle sizes less than 19 mm (3/4").

The UTS-0854 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 adjustable upper cross beam. The frame is 50 kN capacity. Two test speeds are provided 1.0 mm/min for BS and 1.27 mm/min. for 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. 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



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