



Field CBR Test Apparatus

FIELD CBR TEST APPRATUS - with proving ring and dial gauge.
Model UMI-201

Used for the in-situ determination of the bearing capacity of soils used in road construction. The complete set is housed in a strong carrying case.

Brief construction details :

- Mechanical screw loading jack, 100 KN capacity with U-bracket and swivel head.
- Penetration piston of 50 mm diameter - threaded at upper end.
- Extension rods set consisting of 50 cm and 100 cm
- Used as spacers between the proving ring and penetration piston.
- The lengths are machined from steel tubing.
- Connector set consisting of eight connectors for coupling the penetration piston and proving ring assembly is provided- either directly or through extension pieces.
- Dial gauge support of seamless pipe construction.
- It stands 30cm high and 45cm wide at the base.
- Provided with a quick release screw type clamp capable of sliding and locking anywhere along 2 meter length of the bridge.
- Supplied with annular metal weight 5 Kg - 250 mm dia, with 53mm dia central hole **(1 No.)**, slotted metal weight 5 Kg - 215mm to 250mm dia with 53mm slot **-(2 Nos)**, Slotted metal weight, 10Kg, 215mm to 250mm dia with 53mm slot - **2Nos.**
- Dial gauge 0.01mm X 25mm travel
- High sensitivity proving ring, Capacity 50 KN in a nice case. With our own calibration certificate

For On site demonstration, necessary arrange for Loading has to be provided by the user.



UMI-201