



### PRODUCT CODE

**NT-S5680** In-situ CBR Test apparatus,  
50 kN capacity

### STANDARDS

ASTM D4429, BS 1377:9, BS 1924:2

### SPECIFICATIONS

The Field CBR Test Set is a testing system used to quickly and accurately measure the bearing capacity of soils in situ.

This device, critically important in engineering applications such as road construction (asphalt and stabilized road bases), foundations and fill areas, airport runways, and infrastructure, allows for the determination of the California Bearing Ratio (CBR) in the field.

This system is equipped with a mechanical jack, load ring, penetration piston, and load ring. Its 50 kN capacity ensures high accuracy in soil strength measurements.



### TECHNICAL SPECIFICATIONS

|                                  |  |
|----------------------------------|--|
| <b>Loading Jack (Mechanical)</b> | 50 kN capacity, ball bearing, manual operation           |
| <b>Load Ring</b>                 | 50 kN capacity, high precision measurement               |
| <b>CBR Penetration Piston</b>    | Standard sizes, adjustable                               |
| <b>Dial Gauges</b>               | Adjustable, with fixed connection piece                  |
| <b>Extension rods</b>            | 2 pieces of 110 mm, 1 piece of 305 mm, 1 piece of 610 mm |
| <b>Datum Bar System</b>          | With tripod stands and 1400 mm bar                       |
| <b>Additional Load Weights</b>   | 4.5 kg circular and slotted, 9 kg slotted weights        |
| <b>Carrying Case</b>             | Wooden box for easy transport and storage                |