Product name:	Product code:
Unconfined Compression Tester for Cohesive Soils	CMI-IND-0010

Description

Motorised compression frame with proving ring or load cell to determine the unconfined compressive strength of cohesive soil cylinders. Used in highway, earthwork and soil investigation laboratories.

Technical specification

- Load cell with indicator
- Deformation dial gauge
- Specimen end platens

This frame compresses a 38 mm or 50 mm soil cylinder at a constant strain rate until failure and records load against deformation. It provides quick undrained shear strength values for clays and stabilised soils. The digital version removes manual dial reading errors.

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Features

- Strain-controlled loading at 1.25 mm/min fixed speed
- Digital load indicator with peak hold
- Lower platen with quick-release specimen seat
- Heavy fabricated frame with reversing switch
- Compatible with 38 mm and 50 mm dia specimens

Technical Specifications

Load capacity	5 kN (0.5 ton)
Load resolution	0.1 N
Strain rate	1.25 mm/min (others on request)
Deformation gauge	25 mm travel, 0.01 mm resolution
Specimen size	38 mm dia x 76 mm and 50 mm dia x 100 mm
Standards	IS 2720 Part 10, ASTM D2166
Power supply	230 V AC, 50 Hz

Standard Accessories