Product name:	Product code:
Point Load Strength Index Tester for Rock	CMI-IND-0015

Description

Portable hydraulic point load tester that measures the strength index of irregular lumps and cores by concentrated loading between conical platens. Used in mine, tunnel and geotechnical field work.

Technical specification

- Spare conical platens
- Digital distance scale
- Hydraulic oil

A small hydraulic ram loads rock specimens between two hardened conical platens until splitting, and the failure load gives the point load index. It provides rapid strength classification without preparing precise cylinders. The rugged design is intended for field camps and site labs.

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Features

- Hand pump hydraulic loading with peak-reading gauge
- Conical platens with 60 deg angle and 5 mm radius
- Platen distance scale in mm
- Strong carry case with all accessories
- Suitable for diametral, axial and irregular lump tests

Technical Specifications

Load capacity	50 kN
Load gauge resolution	0.1 kN, digital option 0.01 kN
Platen spacing	0 to 105 mm
Platen cone	60 deg included angle, 5 mm tip radius
Specimen size	30 to 85 mm
Standards	ASTM D5731, IS 8764, ISRM
Weight	Approx. 24 kg

Standard Accessories