

**Product Name :**  
Field CBR Machine with Accessories

**Product Code :**  
LIM-CAT-L0044-00017



**Description :**

Field CBR Machine with Accessories

**Technical Specification :**

Field CBR Machine with Accessories

Field CBR Test Sets contain all the components needed to perform field California Bearing Ratio tests for in-situ strength determinations of soils. Two models are available, each equipped with a loading jack and manual crank. This CBR Field Test Set has a two-speed jack with 10,000lbf (44.5kN) capacity and 3.5in (89mm) total travel. Also includes 2,000lbf and 5,000lbf Load Rings with dial gauges, Swivel Base for the Jack, Penetration Piston with Connector and Extension Sets, two 10lb and two 20lb Surcharge weights, 10lb/10in diameter Surcharge Plate, Support Bridge, and Dial Indicator with magnetic holder.

Contains products needed to perform field CBR testing,  
Models available with two-speed or three-speed jacks,  
Conforms to Dial Indicator with magnetic holder.

Load Capacity 44.5kN

Dimensions (L x W x H): Estimated Weight:Included Items:

CBR Field Test Set

Two-Speed Jack with swivel base

2,000lbf Load Ring with Dial Gauge

5,000lbf Load Ring with Dial Gauge

Penetration Piston with Connector & Extension Sets

Two 10 lb Surcharge Weights

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Two 20 lb Surcharge Weights

One 10 lb, 10 in Diameter Surcharge Plate

Support Bridge

Dial Indicator with metric holder

Accessories:

Field CBR Loading Jacks used to force the Penetration Piston into the soil.

Penetration Piston for CBR Test for penetrating the soil to determine CBR values.

Connector Set connects piston and extensions to Load Ring.

Piston Extension Set used for positioning penetration piston in CBR testing.

CBR Surcharge Masses used to simulate pavement loads .

Dial Support Bridge for positioning Mechanical Dial Indicator.

Mechanical Dial Indicator - 1 x 0.001 (Range x Divisions) used to ensure accurate displacement readings.

Mechanical Dial Indicator-25 x 0.01mm (Range x Divisions).

Magnetic Gauge Holder for Dial Indicators securely fastens dial indicators to surface.

2,000lbf Load Ring used for taking force measurements.

5,000lbf Load Ring.



**Laboratory instruments manufacturers India**