

TESTING

●● HR72.25

Point Load Tester(Tubular Type)

Introduction

Point Load Test is primarily an index test for strength classification of rock material. The apparatus meets the essential requirements of IS :8764. The light weight and compact design (tubular frame) makes it highly portable. Though intended for field measurements, it can also be used for laboratory testing. The frame can take irregular specimens of maximum dimensions 100 mm x 100 mm and cores of 100 mm dia.

The equipment comprises :-

- i) Tubular frame
- ii) Load gauge 200 mm diameter, 25 kN capacity supplied in carrying case.



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- 3) Load Gauge 200 mm diameter, 100 kN capacity supplied in carrying case.
- 4) Rigid hose pipe with quick couplings.

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Point Load Tester (Bench Type)

The unit comprises of a base frame on which the frame assembly with the integral

jack and two load gauges with isolating valves are fixed. The ram of the jack carries the lower cone while the upper cross head has the other loading cone. The cones are made as per IS 8764. Spacer blocks are provided to test samples ranging from EX size to 100 mm size. Maximum clearance between the two cones is approx 125 mm. Lower range gauge of 25 kN is provided for better sensitivity and 100 kN gauge reaches upto the maximum capacity.

ACCESSORIES

HR72.25.05 : Load Gauge 25 kN

HR72.25.10 : Load Gauge 100 kN

HR72.25.15 : Rigid pipe

HR72.25.20 : Oil seal for Hydraulic Jack.



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