

Product Code

- UTR-0540 Digital Point Load Test Apparatus with Manuel Hydraulic, Pump and Hydraulic Cylinder 70 kN
UTR-0544 Lower and Upper (Spherical Seated) Loading Platens, Ø52 mm
UTR-0422 Indirect Tensile (Brazil) Test Apparatus for NX (Ø54.74 mm) Rock Specimens, ISRM
UTR-0424 Indirect Tensile (Brazil) Test Apparatus for HQ (Ø63,5 mm) Rock Specimens, ISRM

Standards

ASTM D5731, ISRM

The UTR-0540 Digital Point Load Test Apparatus is used for determining the strength values of a rock specimen, both in the field and in the laboratory.

Consists of a 70 kN capacity load frame with an upper and lower conical platens, a digital readout unit, pressure transducer and a hydraulic loading bottle jack.

A ruler assembled on the frame allows the direct measurement of the distance between the conical platens before and after the test.

The compression load is measured by a pressure transducer connected to an advanced digital easily transportable wooden case.

UTR-0544 Loading platens for compression and indirect/splitting tensile tests on rock specimens should be ordered seperately.

Supplied complete with face protective goggles and carriage box. Loading platens set for compression and indirect/splitting tensile strength test should be ordered separately.

SPECIFICATION

- Load Capacity : 70 kN
- Digital Display : 2 x 16 characters
- Resolution : 32.000 div.
- Accuracy : ± 1%
- Load Readability : 1 N
- Serial Port for PC or thermal connection
- Piston stroke : 115 mm
- Distance between conical platens : 105 mm
- Distance between columns : 110 mm
- Distance between compression platens : 102 mm

Dimensions	280x450x670 mm
Weight (approx.)	40 kg

