



Product Code

UTR-0452	Manual (Hand Operated) Pressure Equipment for Lateral Pressure in Hoek Triaxial Cell
UTR-0455	Hoek Triaxial Cell BX, Ø 42,04 mm dia.
UTR-0457	Hoek Triaxial Cell NX, Ø 54,74 mm dia.
UTR-0460	Hoek Triaxial Cell HQ, Ø 63,5 mm dia.
UTR-0463	Hoek Triaxial Cell NQ, Ø 47,6 mm dia.
UTR-0400	Compression Jig Assembly for Rock Core Specimens, Ø47.6 mm to Ø63,5 mm
UTGE-3800	Hydraulic Hand Pump, 700 bar.
UTC-1440	Pressure Transducer



Models for 220-240V 50-60 Hz, 1 ph.	UTC-4702.FPR	UTC-4712.FPR	UTC-4722.FPR	UTC-4732.FPR	UTC-5727.FPR
Models for 110-120V 60 Hz, 1ph.	UTC-4702.FPR-N	UTC-4712.FPR-N	UTC-4722.FPR-N	UTC-4732.FPR-N	UTC-5737.FPR

Standards

EN 1926, 14580; ASTM D2664, D2938, D3148, D5407, D7012, ISRM

UTR-0452 Manual pressure equipment is used for maintaining the constant lateral pressure in the Hoek triaxial cells and consists of a hydraulic hand pump with oil reservoir (UTGE-3800), a precision LPI digital readout unit (UTC-4920.LP), a pressure transducer (UTGM-1440) and a 2m long flexible hose with quick release coupling(UTGP-1144).

Any capacity which depends of rigidity and sizes of rock specimens to be tested, EN or ASTM automatic compression testing machines can be used for applying vertical load required for the triaxial and uniaxial tests. As option for weaker rock specimens, the compression machines can be upgraded with option UTC-0210 special calibration procedure to have Class 1 starting from 1% of the full range of the capacity. To see the details of Hoek Triaxial Cells required for triaxial testing of rock specimens, please look at the page of Rock Triaxial Test Accessories.

Lateral Pressure Equipment

Max. Working Pressure	700 bar (70 MPa)
Dimensions	1050x500x300 mm
Weight (approx.)	20 kg



UTC-5727.FPR and UTR-0452