RCT-2000 Rock Creep Testing System



Brand: GCTS
Product Code: 378-00
Availability: Call for availability
Call for Price: 832-320-7300

Description

GCTS RCT-2000 Rock Creep Testing Systems is designed for performing long term tests without requiring a continued power input. It operates with only 800 kPa (100 psi) air pressure with minimum flow. This system can operate for several days without power, using a compressor with a large tank. The RCT-2000 includes a load and deformation digital indicators as well as an analog gage to read the applied load. Software and a USB based data acquisition are also provided to easily interface with a laptop for recording test data. On-specimen deformation instrumentation can also be provided as well as triaxial cells and other testing components. <h2>Features</h2> 2,000 kN (450 kip) load capacity Compressed air/oil system for uninterrupted testing Battery powered data acquisition Available options: axial & circumferential deformation measurement system, platens with ultrasonic transducers, and high/low temperature control subsystem Adjustable cross-head design Accepts GCTS High Pressure triaxial cell & other testing components Ideal for performing long-term loading tests Economical "turn-key" systems built to customer specifications <h2>Specifications</h2> Compression load capacity: 2,000 kN Stiffness: 700 kN/mm Stroke: 100 mm Distance between columns: 400 mm Distance between platens: 600 mm Air pressure input: 800 kPa Size: 47" × 78" × 78" (120 × 200 × 200 cm)