



Your supplier of high pressure laboratory instruments

# MECATEST ROCK UNIAXIAL AND TRIAXIAL COMPRESSION TESTER

**ASTM D7012, D7070, D2664, D3967**



## Description

The servo-controlled MECATEST is a conventional rock compression testing system capable of performing uniaxial and triaxial compression tests on specimens. Tests performed allow the user to determine strength and elastic properties, shear strength at different confining pressures, angle of shearing resistance and cohesion, modulus of elasticity, acoustic velocities, Poisson's ratio and tensile strength. The system can be configured with uniaxial compression platens, axial and circumferential deformation sensors, triaxial cell, acoustic velocity, permeability, polyaxial and indirect tension Brazilian fixtures.

Download: [Mecatest applications.pdf](#)

## Specifications

Standard	ASTM D7012, D7070, D2664, D3967
Compression load capacity	3000 kN
Maximum confining pressure	70 MPa
Temperature	ambient
Specimen diameter	up to 100-mm
Specimen length	Twice the diameter
Wetted parts	Stainless steel
Power supply	110-220VAC, 50/60Hz

## Benefits

Multi-purpose machine capable of a wide range of uniaxial, acoustic and triaxial compression tests  
Automated tests with pre-programmed stress and strain path  
Delivers unparalleled accuracy and reliability

