

Product Name :
Triaxial Frame

Product Code :
NLAB-EDUCATIONTVET13028



Description :

Triaxial Frame, Cell and Accessories

Technical Specification :

Triaxial frame capacity 50kN Model Tritest 50

with microprocessor control and digital display

RS232 interface for remote control by Pc

New generation stepper motor

Continuously variable speed from 0.00001 to 9.99999 mm / min

Safety in case of overtravel

Waterproof membrane keyboard with the possibility of rapid approach

Premium design eliminates vibrations, stainless steel tray

Triaxial cell for sample up to 50 mm

Max pressure 1700 kPa

Supplied with 2 taps

Adapter for sensor

Base / adapter for 38 mm sample

Upper base, 38 mm

38 mm porous discs (pair)

Package of 10 membranes 38 mm

Mold in 2 parts, allows leveling of the faces of the sample before testing (for samples from coring)

Membrane fixing collar 38 mm (10 pcs)

Membrane tensioner 38 mm

Filter paper for lateral drainage 38 mm (50 pcs)

Tool for placing 38 mm collars

Valve without volume change

Manual sampler with cutting kit

Extraction piston for 38 mm test tube

Silicone grease

greaser

Glue for fittings

Water deaeration system

Capacity 15 liters

Barbed fitting input

6 mm hose outlet

Power supply 220-240V 50Hz

Universal pressure distribution panel with pressure gauge and screw pump

Water inlet hose, length 5 m

Polyamide hose, diameter 6 mm, price per meter

Containment pressure generation

2 way pressure reducing panel

Digital pressure display 0-1700 kPa

Diaphragm air / water pressure generator

Air compressor, capacity 10 bar

Water trap with dehumidifier filter

Compressed air hose for connection of the compressor to the reduction panel

Polyamide hose, diameter 6 mm, price per meter

Volume change sensor, capacity 80 ml

Data acquisition

5 kN submersible force sensor

Axial displacement sensor, stroke 50 mm

Electronic pressure sensor, 1700 kPa

8-channel GDU autonomous acquisition unit

Unconsolidated, undrained rapid test software (UU)

Drained and undrained consolidated test software (CU, CD)

Office Suite in English

Piston retaining clip

Naugralabequipments

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