Product name:	Product code:
Pneumatic Triaxial Cell Pressure Controller 1700 kPa	CMI-IND-0009



Description

Digital air-water pressure controller that supplies stable cell and back pressure to triaxial systems for saturated soil strength tests. Used in advanced geotechnical laboratories for CU and CD testing.

Technical specification

Interface chamber	Stainless steel bladder type, 1000 cc
Standards	IS 2720 Part 11 and 12, ASTM D4767
Power supply	230 V AC, 50 Hz for indicator

Standard Accessories

- Pressure transducer
- Air hose set
- De-aired water reservoir

The controller regulates compressed air or water pressure with a digital transducer and fine regulator so consolidated undrained and drained triaxial tests can maintain constant cell pressure. It can be used with 38 mm and 50 mm triaxial cells and gives stable pore pressure control over long test durations. Rugged panel construction suits daily laboratory use.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Digital readout of pressure in kPa with 0.1 kPa resolution
- Air-over-water bladder interface chamber
- Fine and coarse regulators for smooth ramps
- Overpressure relief valve
- Suitable for cell and back pressure channels

Technical Specifications

Pressure range	0 to 1700 kPa
Resolution	0.1 kPa
Accuracy	+/- 0.25 percent of full scale
Air supply required	Minimum 8 kgf/cm2 clean dry air