



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

CONSTANT PRESSURE SYSTEM - (OIL WATER) - FOR SINGLE CELL



The system is used to control and maintain a precise confining pressure on the sample within the triaxial cell. This is essential for simulating the stress conditions the soil or rock would experience in situ. The confining pressure is applied equally in all directions to the specimen, while the axial stress is independently applied.

Range 0-20 bar (20 kg/Cm²), steps of pressure 0.5 bar (0.5 Kg/Cm²), Accuracy + 0.5%, Supplied complete with pressure gauge, flow valves and connecting pressure hose. The unit provides continuous variable pressure up to 0-20 kg/Cm². Pressure is increased or decreased simply by turning a control knob. Electric Supply 230 Volt, Single phase, 50 Hz, A.C Supply.

In place of Oil/water, an Air/Water Interface System to control the pressure is also available

Technical Specification

•Range	: 0-20 bar (0-20 Kg/Cm ²)
•Steps of pressure	: 0.5 bar (0.5 Kg/Cm ²)
•Accuracy	: ± 0.5%
•Power Supply	: 230 Volt, Single phase, 50 Hz, A.C Supply.
•Overall Dimensions	: 690 X 390 X 690 (L X W X D) mm
•Weight (Approx)	: 50 kg

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

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