Your supplier of high pressure laboratory instruments

ACP-SERIES AUTOMATED CONFINING PRESSURE CONTROLLER

Description

The ACP-series is engineered to produce and sustain a constant confining pressure, as required in rock testing experiments. Additionally, it can maintain a stable differential pressure between pore and confining pressures. The system features a positive displacement pump, an automated dual valve, a fluid reservoir, and dual pressure transducers specifically for monitoring and controlling both pore and confining pressures.

Download: Floxlab_Pumps_Brochure.pdf

Specifications

Maximum pressure range	10,000 / 15,000 / 20,000 psi
Volume	250 / 175 / 125 ml
Wetted materials	Stainless Steel
Temperature	ambient
Type of fluids	hydraulic fluid
Nitrogen gas pressure requirement	100 psi
Power supply requirement	110-220 VAC, 50/60 Hz
Pressure control interface	Ethernet

Benefits

Extremely fast response to system pressure fluctuations

Can work at constant pressure or at constant net pressure

Pressure control via Ethernet communication port