AZA LAB / SOIL TESTING EQUIPMENT

PORE PRESSURE APPARATUS — 10 kg/cm²

AZA0904 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA0904 Pore Pressure Apparatus is a wall-mounted laboratory assembly for measuring positive and negative pore-water pressures in soil specimens. It combines a Bourdon-tube pressure gauge, a glass U-tube manometer and a transparent null indicator to support pressure readings and gauge zero checks.

A handwheel-operated pressure pump with four sleeve-packed valves provides fine pressure adjustment. The assembly includes a 50 mL burette for soil specimen volume-change measurements, a copper coil, a water reservoir and a complete support stand. The unit is stated to be leak-tested up to 10 kg/cm^2.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA0904
Equipment	Pore Pressure Apparatus — 10 kg/cm^2
Standards reference	-
Installation	Wall-mounted instrument panel with stand assembly
Pressure gauge	Bourdon-tube type; 15 cm dial diameter
Gauge range / division	Source states “1.0 to 10 kg/cm^2 × 0.1 kg/cm^2”; confirm lower limit
U-tube manometer	Glass; low positive and negative pore pressures; gauge zero check
Null indicator	Transparent Perspex; mercury trap and level cursor
Burette	50 mL; measures soil specimen volume change
Pressure pump	Handwheel-driven, threaded piston rod for fine adjustment
Pump valves	Four sleeve-packed valves
Ancillary components	Copper coil, water reservoir and complete stand assembly
Leak test pressure	Up to 10 kg/cm^2
Mercury	Mercury trap included; mercury supplied at additional cost
Measurement units	kg/cm^2

CONTACT

Phone: +91 72082 09254

Email: info@azalab.in

Website: https://azalab.in/