AZA LAB / SOIL TESTING EQUIPMENT

DEAD WEIGHT TYPE OIL AND WATER CONSTANT PRESSURE SYSTEM

AZA0907 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA0907 maintains constant cell pressure during long-duration laboratory tests. Calibrated dead weights balance an electrically driven oil pump, while an oil–water vessel transmits pressure to the test cell. Compact construction supports mobile laboratory use; a hand pump permits priming and pressure maintenance during power interruptions.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA0907
Equipment	Dead Weight Type Oil and Water Constant Pressure System
Application	Maintaining constant cell pressure during long-duration tests
Pressure range	0–20 bar (0–20 kg/cm^2)
Pressure increments	0.5 bar (0.5 kg/cm^2)
Stated accuracy	±0.5%
Drive and priming	Continuously driven electric oil pump; auxiliary hand pump
Power and supply	230 V AC, single phase, 50 Hz
Supplied accessories	Pressure gauge, flow valves, connecting hose and weights for maximum stated pressure

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