AZA LAB / SOIL TESTING EQUIPMENT

TRIAXIAL CELL

AZA0903 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA0903 Triaxial Cell is designed for testing cylindrical soil specimens measuring 38 mm in diameter and 76 mm in height. Its transparent Perspex chamber includes an anvil, loading plunger and four tie rods for convenient access. The cell accommodates fluid pressure up to 10 kgf/cm^2 and incorporates an oil/air vent plug, a plunger dial-gauge rest and four no-volume-change valves for cell pressure, pore-water pressure, drainage and back pressure.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA0903
Equipment	Triaxial Cell
Specimen dimensions	38 mm diameter × 76 mm height
Chamber	Transparent Perspex
Cell pressure rating	Up to 10 kgf/cm^2
Access and closure	Four tie rods with removable nuts
Loading assembly	Anvil, loading plunger and dial-gauge rest
Sealing arrangement	Oil plug / air vent for oil layer over water
Base valves	4 sleeve-packed, no-volume-change valves
Valve functions	Cell pressure, pore-water pressure, drainage / back pressure
Perspex accessories	38 mm loading pad; pair of 38 mm × 6 mm plain discs
Porous stones	1 pair for 38 mm specimens
Sample preparation	Split sand former and sheath stretcher, 38 mm
Rubber accessories	12 rubber sheaths; 4 synthetic rubber O-rings
Drainage accessory	1 plastic drainage tube

CONTACT

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