PERMEABILITY APPARATUS (FALLING HEAD PERMEABILITY) AZA0876

The AZA0876 Falling Head Permeability Apparatus from Azalab is a precision-engineered laboratory system designed for the determination of permeability (hydraulic conductivity) of fine-grained soils, including silts and clays. It is specifically developed for the falling head test method, which is the most suitable and widely accepted technique for soils exhibiting low permeability characteristics.

Accurate evaluation of soil permeability is essential in geotechnical engineering applications such as foundation design, earth dams, embankments, seepage control, drainage systems, and groundwater flow analysis. The AZA0876 ensures reliable, repeatable, and standards-compliant results, making it an essential tool for professional laboratories.

Key Features

- Designed specifically for falling head permeability testing
- Ideal for silts, clays, and fine-grained soils
- High sensitivity for low flow rate measurements
- Complete system with all essential components
- Durable, corrosion-resistant construction
- Stable mounting for accurate readings
- Simple assembly and user-friendly operation
- Manufactured in accordance with international standards
- Proven Azalab reliability and performance

AZA LAB UNIVERSE

TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0876
Test Method	Falling Head
Application	Fine-grained soils (silts, clays)
Permeameter Mould	50 mm / 75 mm / 100 mm (typical sizes)
Standpipe	Glass tubes of varying diameters
Measurement System	Graduated scale for head measurement
Base Assembly	Rigid and stable mounting frame
Tubing	Leak-proof flexible connections
Construction	Corrosion-resistant materials
Compliance	IS 2720 (Part XVII), ASTM equivalent
Parameter	Specification