



UNIVERSE POCKET VANE SHEAR APPARATUS AZA0921

The AZA0921 Pocket Vane Shear Apparatus from Azalab is a compact, field-ready geotechnical instrument designed for the rapid determination of undrained shear strength (c_u) of cohesive soils.

Engineered for on-site testing, it allows engineers and technicians to obtain immediate strength data without the need for laboratory processing, making it ideal for quick assessments, quality control, and preliminary investigations—especially in remote or time-sensitive environments.

Key Features

- Rapid in-situ measurement of undrained shear strength
- Fully mechanical operation – no power or batteries required
- Compact and lightweight, ideal for field kits
- Interchangeable vanes for different soil consistencies
- Enables real-time decision-making on site

Standards Compliance

The AZA0921 conforms to:

- ASTM D2573 – Field Vane Shear Test in Cohesive Soils

This ensures consistency with internationally accepted field testing practices.





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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0921
Product Type	Pocket Vane Shear Apparatus
Test Type	Field Vane Shear Test
Shear Strength Range	0 – 2.5 kg/cm ² (approx.)
Torque Measurement	Spring-loaded / Dial gauge
Vane Sizes	16 mm, 20 mm, 25 mm
Calibration	Factory calibrated with conversion chart
Material	Corrosion-resistant metal alloy
Maximum Insertion Depth	Up to 150 mm
Carry Case	Included
Power Requirement	None (mechanical operation)
Standards	ASTM D2573