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SOIL TRIMMER (HAND OPERATED) AZA0893

The AZA0893 Soil Trimmer (Hand Operated) is a precision laboratory tool designed for the accurate trimming of cylindrical soil specimens used in geotechnical testing applications such as triaxial shear, permeability, and consolidation tests. Proper sample preparation is critical for achieving reliable and repeatable test results, and the AZA0893 ensures specimens are trimmed to uniform height, diameter, and geometry with minimal disturbance. This compact, manually operated device allows technicians to trim both undisturbed and remolded soil samples with high control and precision. Its robust construction and adjustable trimming mechanism make it suitable for routine use in professional laboratories.



Key Features & Benefits

- Hand-operated precision control for delicate sample trimming
- Compatible with multiple specimen sizes using interchangeable holders
- Adjustable trimming blade ensures accurate and uniform cuts
- Stable non-slip base for safe and consistent operation
- Suitable for undisturbed and remolded samples
- Compact and easy to operate in any laboratory setup

Standards Compatibility

(Used for sample preparation in accordance with)

- ASTM D4767 – Triaxial Compression Test
- ASTM D2435 – Consolidation Test
- BS 1377 (Part 7) – Shear Strength Tests
- IS 2720 Series – Soil Testing Standards



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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0893
Operation Type	Manual (Hand Operated)
Supported Diameters	38 mm, 50 mm, 75 mm, 100 mm
Blade Adjustment	Horizontal movement via crank mechanism
Sample Holder	Interchangeable for multiple diameters
Construction Material	Aluminum / Stainless Steel
Base	Non-slip with clamping arrangement
Applications	Triaxial, Consolidation, Permeability Testing
Compliance	ASTM / BS / IS (sample preparation compatibility)

Typical Components Supplied

- Soil trimmer unit with base
- Adjustable trimming blade assembly
- Interchangeable sample holders (38, 50, 75, 100 mm)
- Clamping mechanism

Optional Accessories:

- Replacement blades
- Height adjustment gauges
- Calibration jigs