

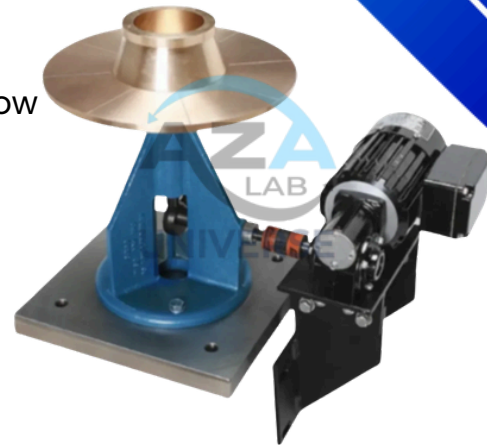


UNIVERSE

FLOW TABLE (MOTORISED) AZA0791A

The AZA0791A Flow Table (Motorised) is a precision laboratory instrument used to determine the consistency and flow characteristics of cement mortar. It automates the standard flow table test, ensuring highly accurate and repeatable results by eliminating operator variability.

Designed for compliance with international standards, this equipment is widely used in construction material testing laboratories, research institutions, and quality control environments.



Key Features

- Motorised operation for automatic drop cycles
- Ensures 25 uniform drops in 15 seconds (standard compliant)
- High repeatability with reduced human error
- Compact, robust, and laboratory-grade design
- Engraved table surface for accurate spread measurement
- Durable brass mould and stainless steel tamping rod
- Low maintenance and easy operation

Applications

- Cement and mortar quality control testing
- Construction material laboratories
- Research & development in civil engineering
- On-site and laboratory workability testing
- Academic and training institutions



UNIVERSE

Working Principle

The apparatus evaluates mortar consistency by measuring its spread under controlled mechanical drops:

- Fresh mortar is placed in a standard mould on the table
- The mould is lifted, allowing initial spread
- The motorised system lifts and drops the table 25 times in 15 seconds
- The final spread diameter is measured

The spread indicates the flowability and workability of the mortar mix.

Scope of Supply

- Motorised flow table unit
- Brass flow mould
- Stainless steel tamping rod
- Control system (motor & timer)
- Instruction manual
- Optional calibration certificate

Standards & Compliance

- ASTM C230/C230M – Flow table for hydraulic cement
- IS 5512 – Flow test for cement mortar



Performance & Benefits

- High Accuracy: Automated drops ensure uniform test conditions
- Repeatability: Eliminates operator-induced variability
- Efficiency: Faster and more consistent than manual operation
- Durability: Strong construction for long-term use
- User-Friendly: Simple controls and minimal training required

Safety & Handling

- Enclosed motor system for safe operation
- Stable base minimizes vibration
- Easy cleaning after testing
- Corrosion-resistant materials for longevity

Operating Capability

- Suitable for routine and advanced mortar testing
- Enables comparison of different mix designs
- Ideal for evaluating admixtures and water-cement ratios
- Supports both laboratory and educational use

Why Choose AZA0791A

The AZA0791A Motorised Flow Table delivers superior precision, consistency, and efficiency compared to manual systems. Its automated operation ensures reliable test results, making it an essential tool for modern cement and mortar testing laboratories.



TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0791A
Table Diameter	250 mm
Drop Mechanism	Motorised
Drop Cycle	25 drops in 15 seconds
Flow Mould	100 mm base × 70 mm top × 50 mm height
Mould Material	Brass
Tamping Rod	Stainless steel
Construction	Cast iron base with powder coating
Power Supply	230V AC, 50 Hz
Application	Mortar consistency and flow testing
Standards Compliance	ASTM C230/C230M, IS 5512