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GAUGING TROWEL AZA0807

The AZA0807 Gauging Trowel is a precision-engineered laboratory hand tool designed for manual mixing of cement paste, mortar, and related construction materials.

It plays a critical role in ensuring uniform, contamination-free sample preparation, which is essential for accurate results in cement testing procedures such as consistency, setting time, fineness, compressive strength, and soundness tests.

Manufactured with a mirror-finished stainless-steel blade and an ergonomic handle, the AZA0807 provides excellent control, durability, and ease of use in demanding laboratory environments.



Key Features

- Cement paste preparation for consistency testing
- Mortar mixing for compressive strength specimen preparation
- Sample preparation for setting time tests (initial & final)
- Mixing for fineness and soundness testing
- Vicat apparatus sample preparation
 - General-purpose mixing in civil engineering laboratories
 - Academic training and demonstration



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Standards & Compliance

- IS:4031
- IS:1727

Product Features & Benefits

- Precision Mixing Control

Enables accurate blending of cement and water for reliable test results.

- Mirror-Finished Stainless Steel Blade

Prevents material sticking and ensures corrosion resistance.

- Ergonomic Handle Design

Provides comfortable grip and reduces fatigue during repetitive use.

- Flexible Blade Structure

Allows effective scraping, folding, and homogenizing of materials.

- Durable Construction

Maintains shape and performance under continuous laboratory usage.

- Standards-Compliant Design

Suitable for IS-based cement testing procedures.

- Easy Cleaning & Maintenance

Smooth surface allows quick removal of residual material.



TECHNICAL SPECIFICATION

Parameter	Details
Model	AZA0807
Tool Type	Gauging Trowel
Blade Material	Stainless Steel (Mirror-Finished)
Blade Length	140 mm (Standard)
Overall Length	Approx. 280 mm
Handle Material	Hardwood or Polypropylene
Blade Finish	Smooth, Anti-Adhesion Surface
Compliance	IS:4031
Application	Cement Paste & Mortar Mixing

The AZA0807 features a flat, polished stainless-steel blade designed for smooth mixing, scraping, and folding actions. The blade geometry (pointed or rounded edge) enables precise handling of cement paste during gauging.

The ergonomic handle, available in hardwood or polypropylene, ensures firm grip and control, making it suitable for repetitive laboratory operations without operator fatigue.