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COMPACTION FACTOR APPARATUS AZA1107

The AZA1107 Compaction Factor Apparatus is a precision testing system designed for evaluating the workability of low-slump and dry concrete mixes, where conventional slump testing methods are ineffective. It provides a quantitative and highly reliable assessment of concrete consistency, making it indispensable for laboratories, precast facilities, and field quality control operations.

Engineered in compliance with IS 1199 and BS 1881 Part 103, the apparatus utilizes a standardized double-hopper mechanism to determine the compaction factor, ensuring high accuracy, repeatability, and consistency in results.

Constructed from rugged, powder-coated mild steel, the AZA1107 is built for long-term durability, corrosion resistance, and dependable performance in demanding environments.



Key Features

- Accurate Workability Measurement – Ideal for dry and stiff concrete mixes
- Standards-Compliant – Conforms to IS 1199 & BS 1881 Part 103
- Double-Hopper System – Smooth trap mechanism for controlled discharge
- High Repeatability – Ensures consistent and reliable results
- Robust Construction – Heavy-duty mild steel frame
- Complete Setup – Includes cylindrical receiving container
- Field & Lab Ready – Portable and easy to assemble



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TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1107
Construction	Mild steel, powder-coated
Hoppers	Two conical hoppers with trap doors
Cylinder Volume	Approx. 15 liters
Compliance	IS 1199, BS 1881 Part 103
Accessories	Tamping rod, scoop, balance (optional)
Application	Low-slump concrete workability testing
Setup	Floor-mounted
Weight	Approx. 25–30 kg
Portability	Suitable for lab and field use

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