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CAPPING SET (VERTICAL) AZA1164

The AZA-LAB Vertical Capping Set (AZA1164) is a precision-engineered apparatus designed for the preparation of 150 mm concrete cube specimens prior to compressive strength testing. It ensures the formation of smooth, flat, and perfectly parallel end surfaces, enabling accurate and repeatable test results.

By holding the specimen in a stable vertical orientation, the system provides precise alignment during the application of sulfur or gypsum-based capping compounds. This ensures uniform load distribution during testing, eliminating errors caused by uneven specimen surfaces.

Designed in compliance with ASTM C617 and IS 516, the AZA1164 is ideal for laboratories requiring space efficiency, consistency, and high operational accuracy.

Key Applications

- Construction QA/QC laboratories
- Independent and third-party testing labs
- Ready-mix and precast concrete plants
- Infrastructure and civil engineering testing centers
- Academic and research institutions

Compliance & Standards

- ASTM C617 – Capping of Concrete Specimens
- IS 516 – Methods of Tests for Strength of Concrete





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1164
Product Type	Vertical Capping Set
Suitable Specimen	Concrete Cube
Cube Size	150 mm
Orientation	Vertical
Frame Material	Powder-coated steel
Cube Alignment	Precision-guided upright slot
Capacity	Single cube (1 station)
Base Support	Non-slip rubber footing
Operation	Manual
Capping Material	Sulfur / Gypsum
Surface Output	Flat, level, parallel ends
Compliance	ASTM C617, IS 516