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MOULD VERIFICATION KIT – PRECISION QC TOOL

AZA1121

The AZA1121 Mould Verification Kit is a precision-engineered quality control toolset designed to verify the dimensional accuracy and geometric tolerances of concrete moulds and test specimens. It is an essential solution for laboratories, QA/QC departments, R&D facilities, and inspection agencies to ensure compliance with IS, ASTM, EN, and BS standards.

This comprehensive kit enables accurate verification of flatness, straightness, perpendicularity, and dimensional conformity, all of which are critical parameters influencing the accuracy, repeatability, and reliability of concrete test result

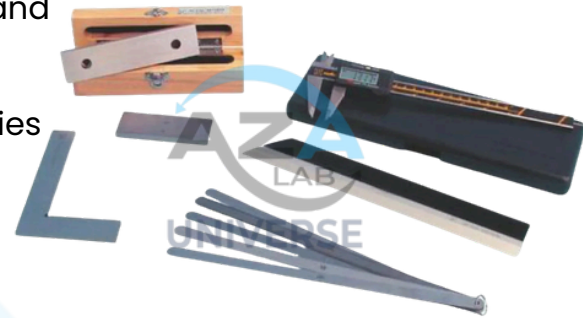
Key Features

- Comprehensive QC Toolset – Complete solution for mould verification
- High Measurement Accuracy – Precision-ground instruments
- Standards-Compliant – Meets IS, ASTM, EN, BS, and ISO requirements
- Multi-Parameter Verification – Flatness, straightness, perpendicularity, dimensions
- Durable Construction – Stainless steel and anodized aluminum components
- Portable Kit – Supplied in a protective, foam-lined carrying case
- Modular Use – Individual tools can be used independently

Applicable Mould Types

- Cube Moulds: 100 mm, 150 mm
- Beam Moulds: 100 × 100 × 500 mm, 150 × 150 × 700 mm
- Cylinder Moulds: 100 × 200 mm, 150 × 300 mm

Suitable for laboratory specimen preparation, precast QC, and periodic verification.





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TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1121
Flatness Gauge	Straight edge, accuracy ± 0.1 mm/m
Perpendicularity Tool	Angle square ($90^\circ \pm 0.1^\circ$)
Dimensional Scale	SS ruler / depth gauge up to 750 mm
Digital Caliper	0–150 mm, resolution 0.01 mm
Go/No-Go Gauge	As per EN 12390-1 tolerance
Feeler Gauge Set	0.02 – 1 mm range
Material	Stainless steel / anodized aluminum
Compliance	IS 10086, IS 516, ASTM C470, ASTM C192, BS 1881, EN 12390-1, ISO 1101
Packaging	Foam-lined protective carrying case

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