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KELLEY BALL PENETRATION APPARATUS AZA1106

The AZA1106 Kelley Ball Penetration Apparatus is a precision-engineered instrument designed to determine the workability of fresh concrete through direct steel ball penetration. Recognized as a reliable alternative to the traditional slump test, it provides a quantitative, repeatable, and non-disruptive measurement of concrete consistency.

Compliant with ASTM C360, the apparatus delivers accurate and consistent results in both field and laboratory environments. Its robust construction, combined with a straightforward testing procedure, makes it ideal for routine quality control, comparative mix analysis, and on-site decision-making.

Manufactured using heavy-duty steel or cast aluminum, the AZA1106 ensures long service life, corrosion resistance, and dependable performance under demanding site conditions.

Key Features

- Direct Workability Measurement – Based on steel ball penetration
- ASTM Compliant – Fully conforms to ASTM C360
- Non-Disruptive Testing – Minimal disturbance to concrete surface
- High Accuracy – Built-in scale for precise depth readings
- Rugged Construction – Heavy-duty steel/aluminum frame
- Portable Design – Suitable for both field and lab use
- Low Maintenance – Simple operation and easy cleaning





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TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1106
Test Method	Kelley Ball Penetration Test
Standard Compliance	ASTM C360
Ball Diameter	152 mm (6 inches)
Ball Weight	Approx. 30 lbs (13.6 kg)
Frame Material	Cast Aluminum / Steel
Measurement Scale	Built-in high-accuracy scale
Usage	Field & Laboratory
Application	Concrete workability testing
Portability	Yes
Finish	Powder-coated / Anti-corrosive

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