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## **POCKET CONCRETE PENETROMETER AZA1114**

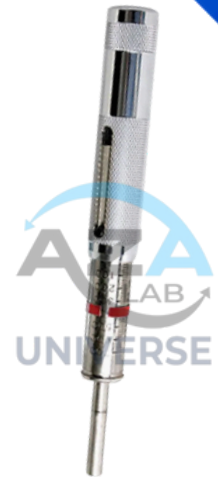
The AZA1114 Pocket Concrete Penetrometer is a compact, precision-engineered instrument designed to determine the initial and final setting times and early strength development of fresh concrete and mortar. Utilizing a spring-loaded penetration mechanism, it provides direct, reliable readings of penetration resistance, enabling rapid on-site assessment of material behavior.

Compliant with ASTM C403 and IS 8142, this device is widely used by field engineers, quality control inspectors, and laboratory technicians for monitoring setting characteristics and early-stage strength gain.

Engineered for portability, durability, and ease of use, the AZA1114 delivers readings directly in MPa or psi, making it ideal for construction sites, precast operations, shotcrete applications, and mix design evaluations

### **Key Features**

- Early Setting & Strength Measurement – Determines initial and final set of concrete/mortar
- Direct Penetration Readout – Spring-loaded plunger with calibrated scale
- Dual Units Display – Readings in MPa and psi
- Standards-Compliant – Conforms to ASTM C403 & IS 8142
- Compact & Portable – Ideal for field and lab use
- High Accuracy – Consistent and repeatable results
- Complete Kit – Supplied with carrying case and calibration chart





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**TECHNICAL SPECIFICATIONS**

<b>Feature</b>	<b>Specification</b>
Model	AZA1114
Measurement Range	0.1 – 7.0 MPa (15 – 1000 psi)
Plunger Diameter	6.4 mm (ASTM compliant)
Readout Type	Mechanical scale (optional digital)
Body Material	Stainless steel
Accuracy	±2% of full scale
Standards Compliance	ASTM C403, IS 8142
Application	Setting time & early strength testing
Accessories Included	Carry case, calibration chart, manual
Use Environment	Field & Laboratory

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