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PYCNOMETERS AZA0883

The AZA0883 Pycnometer Apparatus is a precision laboratory instrument designed for the determination of specific gravity (particle density) of soils and aggregates smaller than 10 mm, including clay, sand, and fine gravel.

Manufactured in accordance with BS 812, the apparatus ensures accurate, repeatable, and standards-compliant results, making it an essential tool for civil engineering laboratories, geotechnical investigations, and construction material testing.

The pycnometer method is widely recognized for its simplicity, reliability, and suitability across a broad range of fine-grained materials.

Key Features

- Accurate determination of specific gravity
- Fully compliant with BS 812 standard
- Suitable for clay, sand, and fine gravel (<10 mm)
- Airtight sealing system for high precision
- Precision-machined brass cone and locking ring
- Durable laboratory-grade glass construction
- Simple operation with excellent repeatability
- Long service life with reusable components
- Trusted Azalab manufacturing quality

Compliance

- BS 812 – Aggregate Testing Standard
- Compatible with international laboratory testing practices





UNIVERSE TECHNICAL SPECIFICATION

Parameter	Specification
Model Number	AZA0883
Apparatus Type	Pycnometer Apparatus
Test Method	Specific Gravity by Pycnometer Method
Standard Compliance	BS 812
Jar Capacity	1 kg
Jar Material	Heat-resistant laboratory glass
Cone Material	Precision-machined brass
Locking Mechanism	Brass threaded locking ring
Seal	Rubber, chemical-resistant



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TECHNICAL SPECIFICATION

Parameter	Specification
Applicable Particle Size	Up to 10 mm
Operation	Manual laboratory testing
Accuracy	High repeatability with proper air removal
Durability	Suitable for repeated laboratory use
Maintenance	Minimal maintenance required

