AZA LAB | AGGREGATE TESTING EQUIPMENT

SPECIFIC GRAVITY AND WATER ABSORPTION OF AGGREGATES

AZA0979 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA0979 buoyancy balance system is designed for determining the specific gravity and water absorption of aggregates. A rigid angle-iron support frame incorporates a water tank mounted on a platform. A mechanical lifting device raises the tank to immerse the specimen suspended below the electronic balance. The balance can also be used for conventional laboratory weighing, providing a versatile weighing system.

TECHNICAL SPECIFICATIONS

Parameter	Specification
AZA LAB model	AZA0979
Equipment	Specific Gravity and Water Absorption of Aggregates
Referenced standards	IS 2386 (Part III), BS 812
Balance capacity	5 kg
Least count	0.1 g
Weighing arrangement	Under-pan suspension for density basket
Support frame	Rigid angle-iron stand
Tank lifting	Mechanical lifting device
Electronic balance with stand	1 No.
Density basket	1 No.
Airtight container for density basket	1 No.
GI tray	Minimum area 650 cm^2; 1 No.
Absorbent cloths	75 × 45 cm; 2 Nos.

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