TRIPLE BEAM BALANCE AZA1088

The AZA1088 Mechanical Triple Beam Balance from AZALAB is a durable, high-precision analog weighing instrument designed for accurate mass measurement of solids, powders, and containers. Built on a proven mechanical principle, it operates without electricity, making it ideal for laboratories, classrooms, and field environments where reliability and simplicity are essential. With a maximum capacity of 610 g and readability of 0.1 g, AZA1088 delivers consistent and repeatable results, serving as a dependable primary or backup weighing solution.

Key Features

Mechanical Triple Beam System

- Accurate mass measurement using three calibrated beams and sliding poises.

No Power Requirement

- Fully mechanical operation eliminates dependency on electricity or batteries.

High Durability

- Rugged cast metal construction ensures long service life.

Corrosion-Resistant Pan

- Stainless steel weighing pan suitable for chemicals and routine lab use.

Manual Zero Adjustment

- Enables quick calibration for precise measurements.

Stable & Portable Design

- Balanced base minimizes vibration and allows easy transport.

Educational Utility

- Ideal for demonstrating mass measurement and equilibrium principles.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1088
Capacity	610 g
Readability	0.1 g
Measurement Type	Mechanical Triple Beam
Beam Increments	500 g / 100 g / 10 g
Pan Diameter	~150 mm
Pan Material	Stainless Steel
Body Material	Cast Metal
Dimensions (L×W×H)	450 × 150 × 200 mm
Weight	Approx. 3.5 kg
Calibration	Manual Zero Adjustment
Power Requirement	None
Compliance	ISO 80000-1