TRIPLE BEAM BALANCE WITH VERNIER AZA1087

The AZA1087 Triple Beam Balance with Vernier from AZALAB is a precision mechanical weighing instrument designed for accurate mass determination in laboratory, educational, and field environments. Built on a robust, electronics-free design, it delivers consistent and repeatable measurements without reliance on power supply, making it ideal for rugged and remote applications.

With a triple-beam configuration and integrated Vernier scale, AZA1087 offers high-resolution readings down to 0.01 g, ensuring precise measurement of powders, solids, and granular materials.

Key Features

High Precision with Vernier Scale

- Enables fine measurement resolution up to 0.01 g.

Fully Mechanical Operation

- No batteries or electronic components required.

Triple Beam System

- Allows accurate and flexible mass measurement across a wide range.

Durable Construction

- Heavy-duty cast metal base ensures stability and long service life.

Stainless Steel Weighing Pan

- Resistant to corrosion, moisture, and chemical exposure.

Tare Adjustment Mechanism

- Facilitates accurate net weight measurement by offsetting container weight.

Stable and Vibration-Resistant Base

- Ensures reliable readings even in non-ideal conditions

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1087
Type	Mechanical Triple Beam with Vernier
Maximum Capacity	610 g
Accuracy	±0.01 g
Vernier Resolution	0.01 g
Beam Increments	0.1 g / 10 g / 100 g
Pan Diameter	~150 mm
Material	Cast Metal Base, Stainless Steel Pan
Tare Range	Up to 225 g
Compliance	ASTM E898
Applications	Soil, Cement, Chemical, Educational Labs

Safety & Compliance

Manufactured in accordance with ASTM E898

- Suitable for laboratory, educational, and field measurement applications
- Ensures reliable and standardized weighing performance