RIFFLE SAMPLE DIVIDER AZA0980

The AZA0980 Riffle Sample Divider from AZALAB is a precision-engineered laboratory instrument designed for the accurate and unbiased reduction of bulk material samples into representative test portions. It is an essential tool in geotechnical, construction materials, mining, and agricultural laboratories where sample integrity and statistical reliability are critical.

By ensuring uniform and repeatable sample splitting, the AZA0980 eliminates operator bias and enhances the accuracy of downstream laboratory tests such as sieve analysis, compaction, density, and material characterization.

Key Functional Features

The AZA0980 is built for durability, accuracy, and ease of operation:

Precision Riffle System

- Uniform chute widths ensure consistent and unbiased sample division.

Heavy-Duty Construction

- Fabricated from powder-coated or galvanized steel for corrosion resistance and long service life.

Smooth Flow Geometry

- Optimized chute angles minimize material loss and prevent clogging.

Controlled Feed Hopper

- Ensures even distribution of material across all chutes.

Stable Bench-Top Design

- Compact and robust structure suitable for laboratory and site environments.

TECHNICAL SPECIFICATION

Parameter	Specification
Model Number	AZA0980
Type	Riffle Sample Divider
Material	Powder-coated / Galvanized steel
Slot Width Options	6 mm, 13 mm, 25 mm, 38 mm
Number of Chutes	12 – 20 (model dependent)
Operation	Manual, gravity-fed
Accessories	Feed hopper, 2 receiving pans
Sample Types	Soil, sand, aggregates, cement, powders
Standards Compliance	ASTM C702, IS:1607