

Hydrostatic Density Balance

The hydrostatic balance is a laboratory instrument used for determining the specific gravity and density of solids and liquids based on Archimedes' principle. It measures the weight of a sample in air and its apparent weight when submerged to calculate density.



Overview

Precision Material Analysis

The Hydrostatic Density Balance is a specialized laboratory instrument designed for the accurate determination of specific gravity and density in construction materials. It is ideal for testing asphalt, concrete, gravel, and pebbles by measuring their weight displacement in water. Featuring a stable design and a durable stainless steel working table, this balance ensures reliable performance for quality control and material science applications.

Technical Specifications

Balance Capacity	5000 g
Readability	0.1 g
Construction Materials	Stainless Steel

Applications

Supported Materials

- Asphalt
- Concrete
- Gravel
- Pebbles

Features

Key Features

Reliable • Stable • Easy to Operate