

# Slurry Density Gravimeter

This gravimeter is designed for the precise measurement of slurry density. It features a calibrated beam with adjustable counterweights for accurate balancing.



## Product Overview

### Precision Slurry Density Measurement

The Slurry Density Gravimeter is a specialized instrument designed for accurate density determination of drilling fluids and slurries. Engineered to meet rigorous industry standards, it provides reliable measurements in both laboratory settings and demanding field environments such as geological exploration and engineering pile construction. Its robust design ensures consistent performance for quality control and process optimization across various industrial applications.

## Technical Specifications

### Measurement Range

**0.96 g/cm<sup>3</sup>**

Min Range

**3 g/cm<sup>3</sup>**

Max Range

Test Accuracy	0.01 g/cm <sup>3</sup>
Slurry Cylinder Volume	140 cm <sup>3</sup>

## Physical Dimensions

Overall Dimensions	500 mm x 100 mm x 100 mm
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## Compliance & Usage

### Primary Applications

- Geological exploration drilling
- Engineering pile construction
- Laboratory fluid analysis
- Petrochemical industry

Compliance Standards	SY/T 5381
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