



## Z400 GRAVITY METER




The Z400 Gravimeter is a precision instrument designed for the measurement of relative changes in gravity acceleration values. The sensor of Z400 is constructed from quartz, utilizes zero-point readings and features a highly accurate temperature compensation device. The Z400 Gravimeter finds extensive application in the exploration of geological structures and mineral resources through gravity surveys, detailed gravity surveys, and regional gravity measurements.

## Main Features

- High precision, lightweight construction, compact dimensions, user-friendly operation, and convenient portability.

## Specifications

• Reading Resolution	$\pm 0.01$ milligal
• Observation Precision	$\varepsilon \leq \pm 0.03$ milligal
• Counter Reading Range	0~3999.9 counts
• Gradient Value	0.09~0.11 milligal/count
• Measuring Range	> 5000 milligal
• Bright Line Sensitivity	1.6~2.0 milligal
• Mixed Zero Drift	$\leq \pm 0.1$ milliga/h
• Gradient Value Linearity	$\leq 1/1000$
• Instrument Weight	4.5 kg
• Package Dimensions	300×285×570mm 
• Package and Instrument Total Weight	10 kg