



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	±0.01 milligal
• Observation Precision	$\epsilon \leq \pm 0.03$ 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