



System Specifications

Component	Variable	Specifications
SENSOR	RANGE: DRIFT: TEMPERATURE SETPOINT:	Worldwide, $\pm 450,000$ mGal 3 milliGals per month, less after spring aging Approx 55° (45° to 65°)
STABILIZED PLATFORM	PLATFORM PITCH: PLATFORM ROLL: PLATFORM PERIOD: PLATFORM DAMPING:	± 30 degrees ± 35 degrees 4 or 8 Minutes .707 of Critical
CONTROL SYSTEM	RECORDING RATE: SERIAL OUTPUT:	1Hz Marine RS-232 ASCII
SYSTEM PERFORMANCE	RESOLUTION: STATIC REPEATABILITY: ACCURACY AT SEA: DYNAMIC REPEATABILITY: • 50,000 mGal Horizontal Acceleration • 100,000 mGal Horizontal Acceleration • 100,000 mGal Vertical Acceleration	0.01 milliGals 0.05 milliGals 0.7 milliGals or better 0.25 milliGals 0.50 milliGals 0.70 milliGals
MISC.	OPERATING TEMPERATURE STORAGE TEMPERATURE POWER REQUIREMENTS (not including a UPS) DIMENSIONS: WEIGHT:	5° to 40°C -10° to 50°C 60 watts average 150 watts max 80-265 VAC 71 x 56 x 84 cm 28 x 22 x 33 in Meter: 80kg (175 lbs) UPS (Option): 30kg (65 lbs)
GRAVITY UNITS	1 Gal = 1cm/sec ² Earth's gravity varies from approximately 978 to 983 Gals (978,000 mGals to 983,000 mGals) at the surface from the equator to the poles.	