



Celebrating 35 Years
Leading the World of **Magnetics**

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GSMP-35U Specifications



GSMP-35U Light weight, High sensitivity, Potassium “Fast Reading” Sensor (Oscillator) with Magnetometer PreAmp Electronics Box

Weight & Dimensions:

- Sensor: 161mm x 64mm (external diameter) and 0.43 kg
- Electronics Box: 236mm x 56mm x 39mm and 0.46 kg

Featuring:

- 0.0003 nT @1 Hz sensitivity
- 0.0001 nT resolution
- +/- 0.1 nT absolute accuracy
- 50,000 nT/m Gradient tolerance
- 20,000 nT - 120,000 nT dynamic range
- 10° to 80° and 100° to 170° orientation range
- Heading error less than 0.05 nT combined for sensor spins on all orientations from 10° to 80° and 360° full rotation about axis
- RS-232 output with comprehensive download software

Including:

- Electronics Box with 1 x 35mm-cell Sensor & 5m Cables
- 3-pin Power Cable (Open at other end)
- RS-232 cable with USB Adapter
- Instruction Manual w/ GEMLink+ *pre-processing software*

Power Supply: 18 to 32 VDC

Our World is Magnetics
www.gemsystems.ca