



GEM Systems, Inc.

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Airborne GSMP-35A Specifications



GSMP-35A v7.0 Potassium "Fast Reading" Sensor (Oscillator)
with Magnetometer PreAmp Electronics Box (**with RS-232**)

Featuring:

- 0.0025 nT @1 Hz sensitivity
- 0.0001 nT resolution
- +/- 0.1 nT absolute accuracy
- 35,000 nT/m Gradient tolerance
- 20,000 - 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/ GEM DAS (Data Acquisition Software) & GEMlink v4.0

Dimensions & weight:

- Sensor: 141mm x 64mm (external diameter) and 1.3 kg
- Electronics Box: 229mm x 56mm x 39mm and 0.63 kg

Power Supply: 22 to 32 VDC