

Pre-flight Calibration and validation test of CMM-1 Fluxgate Magnetometer MAG-O

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| Measurement range | \pm 10000nT |
|--|--------------------------|
| Resolution | 1.96pT |
| Noise density at 1Hz | <10pT Hz ^{-1/2} |
| Electronics offset stability(-40°C~45°C) | 0.85nT |
| Linearity error | < 1.6 × 10 ⁻⁴ |
| Power consumption | 3.8W |
| Mass Sensor Electronics box | 250g 1150g |

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