



Tri-axial Accelerometer



SPACE TECHNOLOGY TRANSFER

AGI was born as a Spin-Off company of the Italian Institute of Astrophysics (INAF) and its mission is to transfer the know-how from the space borne physics experiments to the Geophysics field

EXPERIENCE AND EXPERTISE

AGI has been involved in many R&D projects in Space, Geophysics and Oceanography fields.

TECHNICAL SUPPORT

AGI has labs and facilities to provide support in Electronic, Precision Engineering, Computer simulations and Informatics.

CONTACTS

For more information on any of our products or services please visit us on the Web at:

www.agi-tech.com

Main Features

- **Tri-axial accelerometer**
- **High precision measurements**
 - Intrinsic noise level $\sim 1 \cdot 10^{-7} \text{ m/s}^2/\sqrt{\text{Hz}}$
 - E.g., with 100 sec. integration time, precision is $\sim 1 \cdot 10^{-8} \text{ m/s}^2$
- **Large Bandwidth**
 - DC to 10 Hz (10^{-3} Hz to 10 Hz for high precision)
- **Large Dynamic Range**
 - Up to ~ 140 db
 - 24 bits
- **Selectable Sampling Frequencies**
 - 0.1, 0.2, 0.5, 1, 5, 10, 20 Hz
- **Temperature Monitoring System**
 - Embedded incremental thermometer Pt10000
 - Precision better than $10^{-4} \text{ }^\circ\text{C}$
- **Small Size and weight**
 - 155 x 125 x 125 (H x L x A) mm^3
 - 2.5 Kg
- **Low Power Required**
 - Input Voltage 5 V
 - Power consumption 75 mW
 - Internal rechargeable battery
- **Ready to use**
 - Embedded acquisition system
 - Onboard signal pre-processing
 - RS-232 NMEA standard output
 - GUI software interface for Windows



SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty

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