



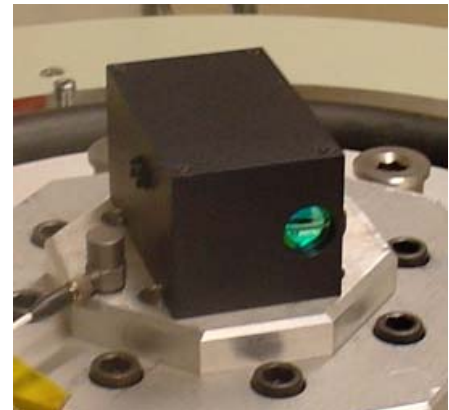
THOTH TECHNOLOGY, INC.

Argus 1000 Spectrometer

- Miniature infrared spectrometer for remote sensing, sample analysis, and process control.
- Heritage technology proven in space. First unit more than two years in operation.
- Low 215g mass and less than 1 W power consumption.
- Convenient ground-terminal Laptop equipped with spectral display software and command interface.

Applications

- Space applications include remote sensing of climate and surface.
- Terrestrial applications include process monitoring and control, climate monitoring, mining, and laboratory analysis.
- Ask a Thoth specialist how this device can be customized to your application.



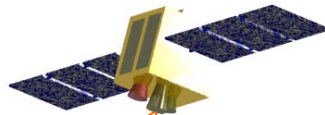
Features

- 1000 nm -1700 nm infrared range at approximately 6 nm spectral resolution (enhanced detectors extend range to 2500 nm).
- Indium Gallium Arsenide IR sensor with integrated optics.
- 15 mm aperture with 0.15° field of view.
- Programmable Peltier-effect cooler for enhanced noise performance.
- Programmable operating parameters, including integration time and co-adding settings.
- Prime and redundant serial interfaces RS232 protocol.
- Typical specifications: size 50x60x80mm, 215 g mass, 1 W power.

CanX-2 Flight Demonstrator



- First space instrument for York University greenhouse-gas monitoring mission. Two year qualification flight on University of Toronto CanX-2 spacecraft, 2008; current status: operational.
- Argus technology is adapted to a wide variety of mobile and static applications in remote sensing and exploration.



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