



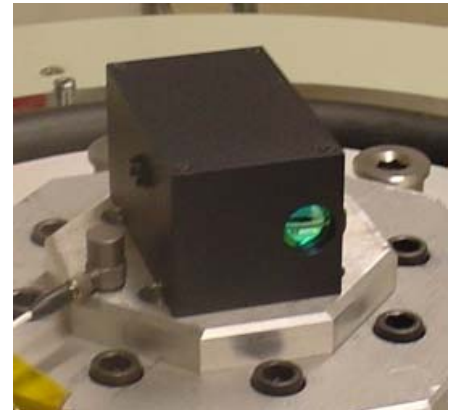
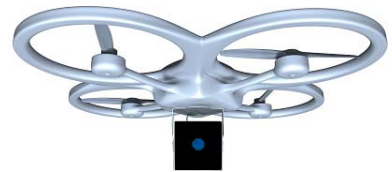
THOTH TECHNOLOGY, INC.

Argus 2000 Spectrometer

- Miniature infrared spectrometer with integrated optics for remote sensing, sample analysis, and process control.
- Award winning, heritage technology proven in space. First unit operational on CanX-2 nanosatellite since 2008.
- Low ~ 280 g mass and less than 1 W power consumption.
- Ground-station software and cables included. (Laptop and carrying case included with kit.)

Applications

- Greenhouse gas monitoring
- Industrial emissions monitoring
- Mining and surface characterization
- Laboratory analysis
- Process control



Features

- 1000 nm -1650 nm infrared range at approximately 6 nm spectral resolution (enhanced detectors extend range to 2200 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 46x80x80mm, ~280 g mass, 1 W power.

CanX-2 Flight Demonstrator



- First space instrument for York University greenhouse-gas monitoring mission. Alouette award-winning flight on University of Toronto CanX-2 spacecraft, 2008; current status: operational.

Thoth Technology

- Thoth Technology Inc. is a Canadian space and defense company.



For further information please contact:



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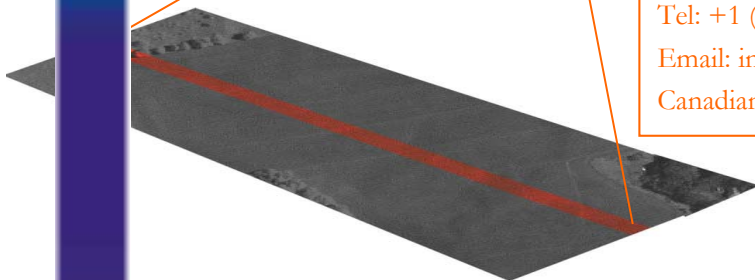
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