



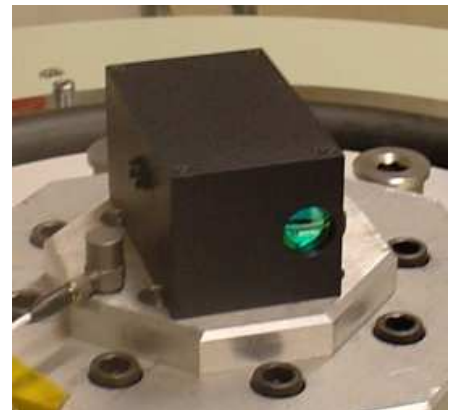
**THOTH** TECHNOLOGY, INC.

## Argus 1000 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 nanosatellite since 2008.
- Low 215 g mass and less than 1 W power consumption.
- Ground-station software and cables included. (Laptop and carrying case included with kit only.)

## 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 2400 nm).
- Indium Gallium Arsnide 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 45x50x80mm, 215 g mass, 1 W power.

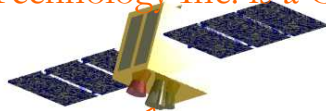
## CanX-2 Flight Demonstrator



- 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.

## Thoth Technology

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



For further information please contact:



Thoth Technology Inc.

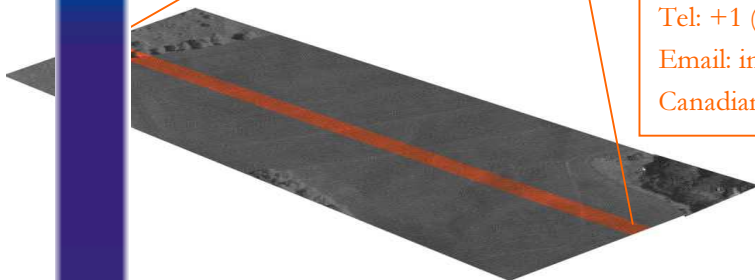
Algonquin Radio Observatory

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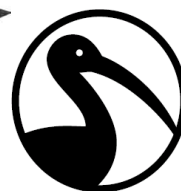
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