



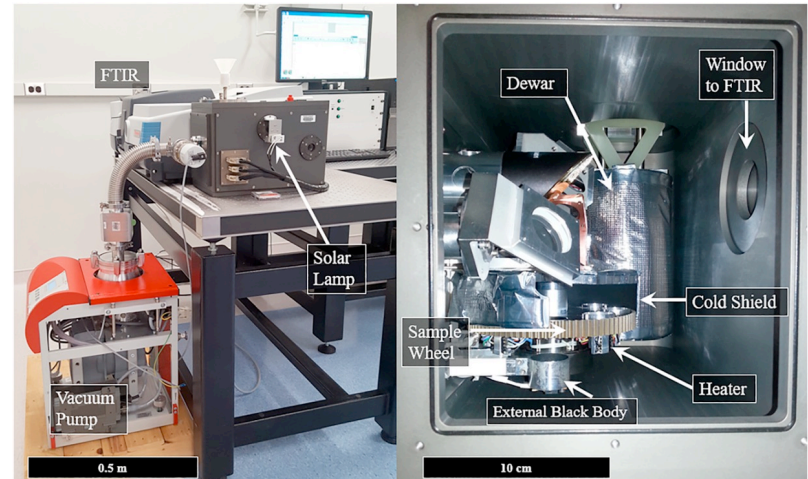
# Planetary and Asteroid Regolith Spectroscopy Environmental Chamber (PARSEC)

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## Description of Facility

- Environmental chamber for acquisition of thermal infrared and visible/near-infrared spectra in a simulated lunar or asteroid environment.
- Nicolet 6700 FTIR with attached PARSEC chamber
- 20% of instrument time available to the community
- Analyses can be conducted in person or by sending samples to the PI.



PARSEC. (a) FTIR spectrometer, vacuum pump, and PARSEC. (b) interior view of the chamber. From Shirley & Glotch (2019)

## How to use the facility

- Request access by emailing the PI.
- Requests are evaluated based on appropriateness of samples and number of analyses requested.
- Requests are prioritized after analyses required by PI and lab members.
- Costs are set annually in negotiation with SBU and are currently \$29/hr.

## Contact information:

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