



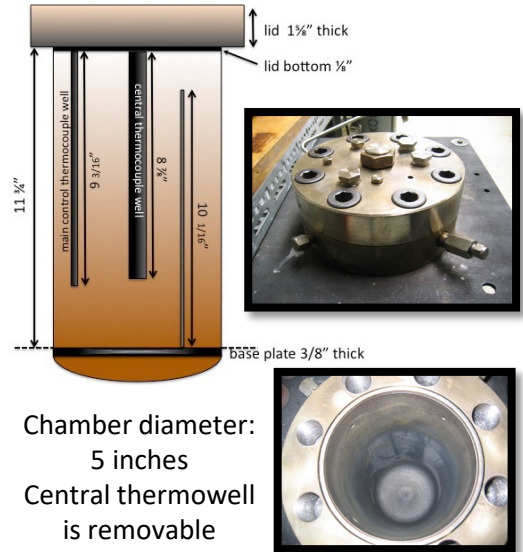
# Venus In-Situ Chamber Investigations (VICI)

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<https://science.gsfc.nasa.gov/691/HEL/equipment.html>

## Description of Facility

- A small, high temperature, pressure 316 stainless steel chamber to simulate Venus surface conditions (740 K and 95.6 bar – maximum)
- Static vessel; electrical feedthroughs available for real-time LabView monitoring; CO<sub>2</sub>, N<sub>2</sub>, SO<sub>2</sub> (ppm) gas mixtures, no O<sub>2</sub> monitoring; ideal for static exposure experiments (e.g., components, etc.)
- Greater than 50% time available to the community; subject to change dependent on demand
- Access: in person (with proper training) and/or experiments performed by facility personnel
- Center access restrictions for foreign nationals



## How to use the facility

- Contact the POC to request access
- Requests will be reviewed for feasibility. If acceptable, project will be placed in the queue subject to proposal award/funding. Small and/or quick proof of concept tests could be run at no cost dependent on evaluation.
- Requests are prioritized on a first-come, first-served unless mission critical.
- Costs: main cost is CS labor (10 hr minimum) and consumables (starts at \$250). Total is based on a graded basis according to time required.

## Contact information:

- NASA Goddard Space Flight Center, Greenbelt, Maryland, USA
- POC for information and scheduling: Natasha Johnson  
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