



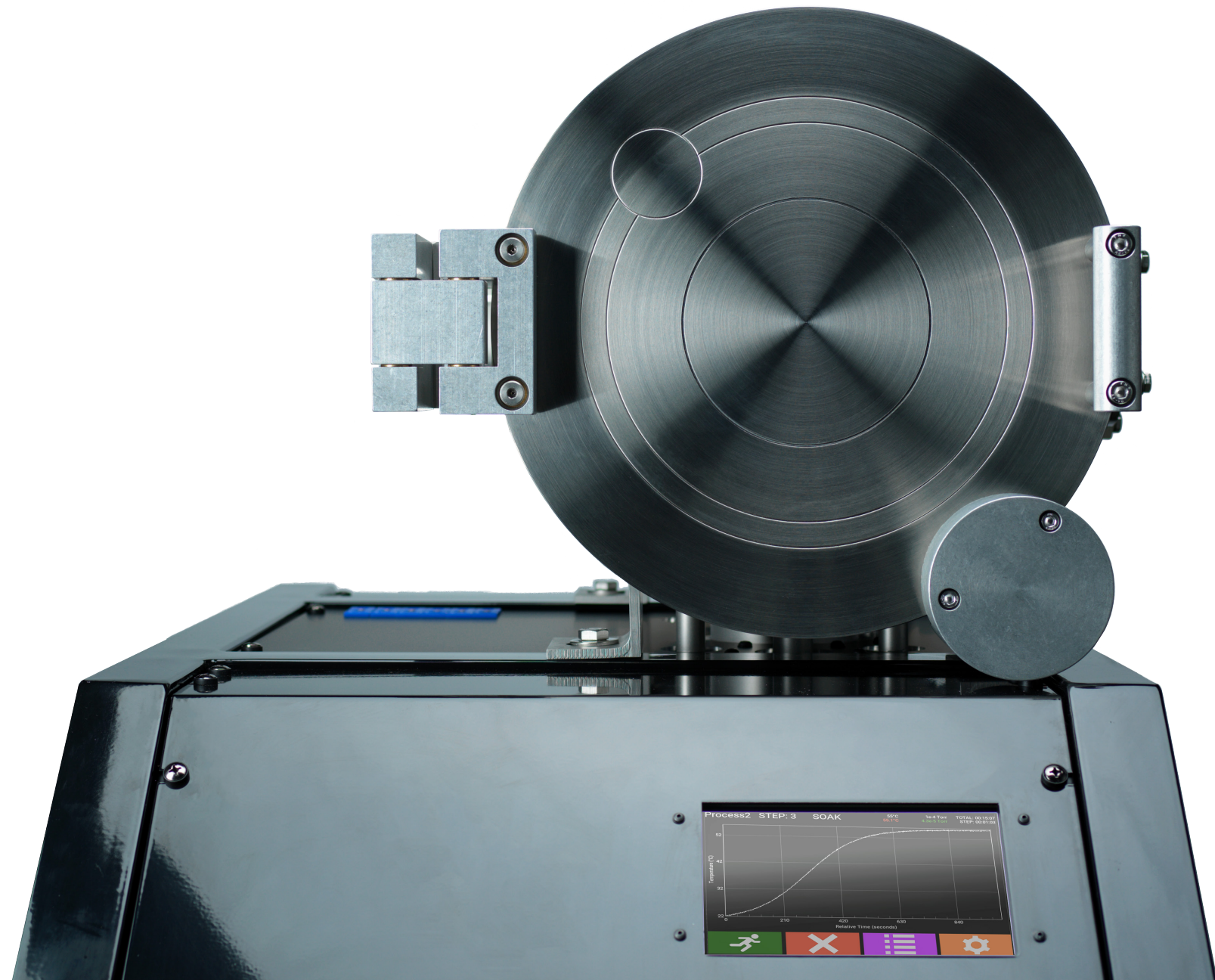
# THERMAL VACUUM SYSTEMS



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RVS Thermal Vacuum Systems provides exceptional value space simulation systems for flight qualification of small satellites and components. Our advanced and affordable thermal vacuum bake-out and thermal vacuum cycling products are tailored for the small satellite community. With off-the-shelf test equipment for CubeSats up to 6U for purchase or rental, RVS can help you easily qualify your small satellite for launch.

RVS knows that Thermal Vacuum Testing is the last thing you want to worry about as your launch date approaches. Our line of small satellite test systems can provide you with drop-in-place test solutions for compliance with GSFC-STD-7000 or MIL-STD-1540 test standards. We take the guesswork out of Thermal Vacuum Testing to ensure you'll be ready for orbit.



Rydberg Vacuum Sciences, Inc.  
www.rydberg-vs.com

Model: 6U3  
Part No.: 122279  
Serial No.: 8YB-XU-PC3



LAN



WAN



AIR



GN2



EXHAUST



7 BAR MAX.



## Inclusive Global Service

RVS provides two years of annual on-site preventative maintenance and servicing.



## Easy Installation

With a footprint of only 0.6m x 1.2m, installing an RVS system is as simple as unpacking the crate and connecting the utilities. You bring the power and air, we'll deliver the rest.



## User Friendly Interface

Every RVS system is based around an easy to use integrated touch screen interface (HMI). Test procedures can be loaded, edited, and repeated as necessary for rapid, reliable UUT testing.

## STANDARD FEATURES INCLUDE:

- 6U Test Volume (370mm x 240mm x 120mm)
- Fast 300 L/s turbomolecular pump backed by a frame-integrated dry roots pump
- Temperature controlled platen with 50mm x 50mm M6 grid for UUT fixturing and integrated thermal radiation shielding
- Two blank ISO-100LF user ports for pass-through of electrical, instrumentation, or gasses as needed
- Six user type-T thermocouple jacks
- Low utility requirements: 120V/15A/1ph and compressed air, no cooling water required
- Modbus-TCP based DAQ allows for easy integration with existing SCADA systems
- Available accessories include:
  - RGA (100amu-300amu)
  - TOCM
  - Optical Witness Sample Holder
- Standard systems ship in 8-10 weeks
- Have a short term testing need? Weekly or monthly rental units available

# *RYDBERG VACUUM SCIENCES*

Thermal Vacuum Systems

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