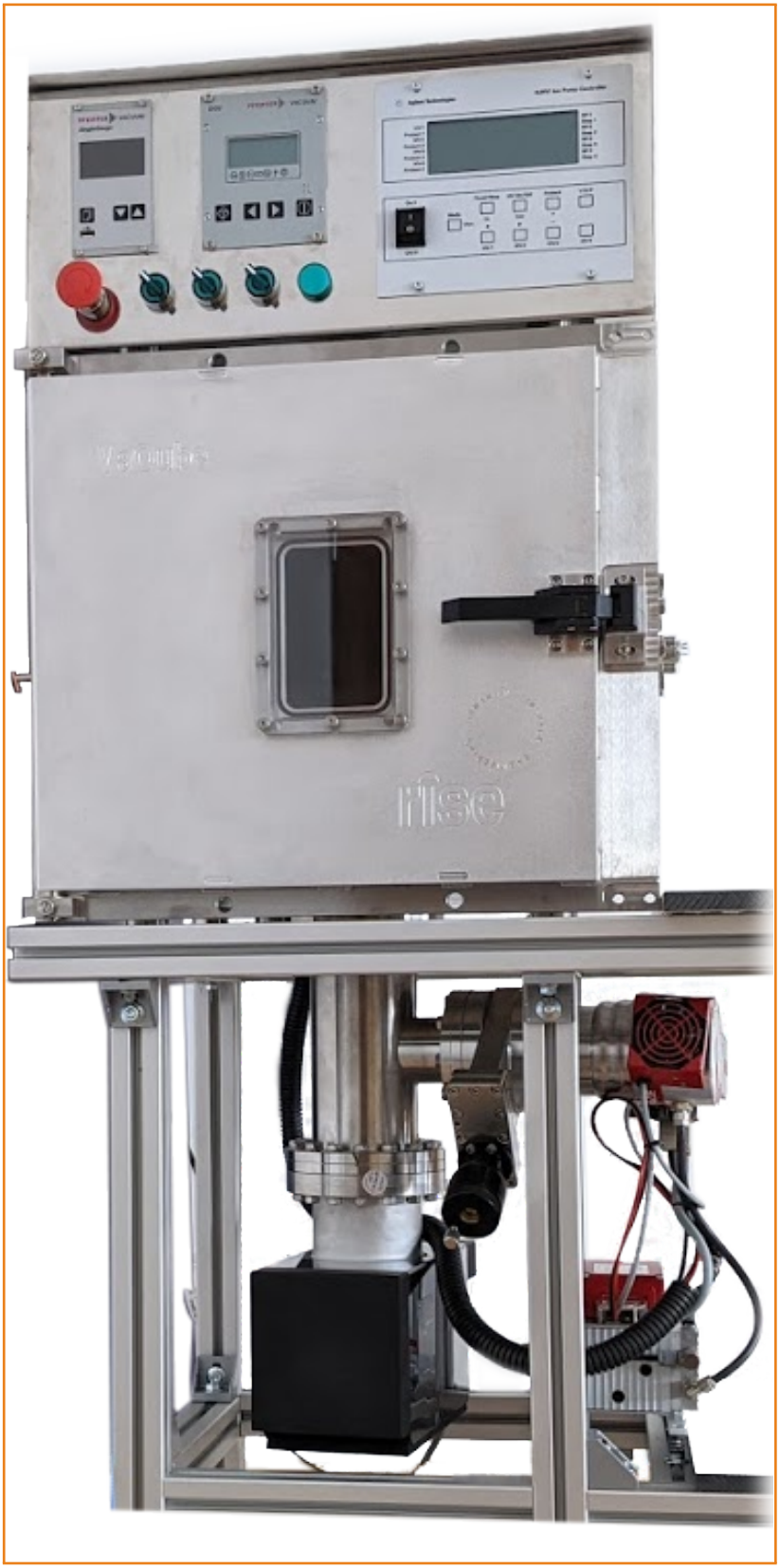
VaQube

Thermal Cycling System

ECSS Compliant Thermal Vacuum Test Facility



Applications

- Aerospace
- Satellite or subsystems
- Antenna
- Nanotechnology
- Automotive

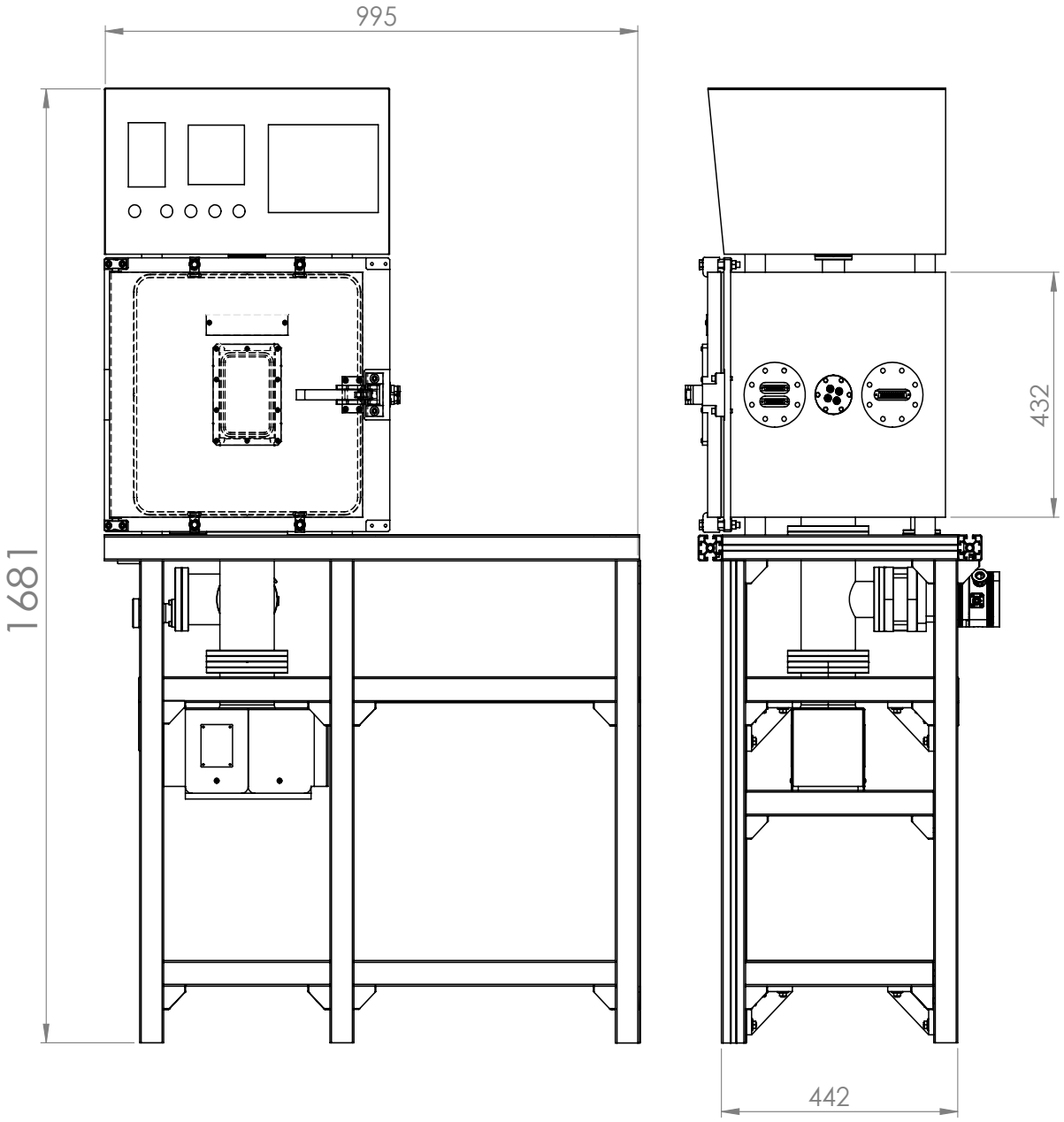
Features

- ≈ 60l internal volume chamber (400 mm cube)
- Pressure: < 1e-5 hPa.
- Temperature range:
  - 50°C to 150°C (chiller)
  -196°C to 200°C (LN_2)
- Pumping system:
  - dual stage pump
  - 3rd stage ion pump option (no vibration)
- Optical windows/feedthroughs
- Automated operations of pumps and/or valve

Configuration options

- Thermal plate
- Thermal shroud add-on
- User defined size and shape
- User defined ports and interfaces:
  - USB/ D-Sub connector (DB9)
  - Thermocouples
  - RF (SMA/BNC)
  - Mechanical linear/rotary
  - Other
- Logging of pressure and temperature
- Spectrum analyzer

Romanian InSpace Engineering SRL, Bucharest, Romania
sales@roinspace.com - support @roinspace.com
www.roinspace.com



Romanian InSpace Engineering SRL, Bucharest, Romania
sales@roinspace.com - support @roinspace.com
www.roinspace.com