

Tornado-V with Vibrator interface

**AGREE style Chamber
for combined
Temperature/
vibration testing**



Tornado-V Test Chamber with Vibrator interface floor

- **Vibration interface for vertical shakers**
- **1000 x 1000 x 1000 mm working space**
- **+150 to -70°C temperature range**
- **Cascade or Single-stage compressor cooling**
- **5°C/min ramp rate with load**
- **SIMPLE*touch* touch-screen programmer**
- **Wide range of options**

Combined Temperature/Vibration Test chambers

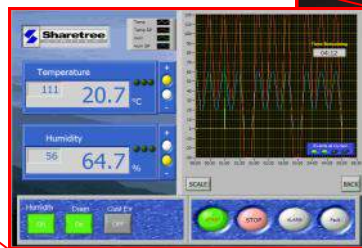
Tornado-V AGREE* style test chambers are temperature cycling chambers with a removable floor. This enables a vertical shaker to be installed below the floor, with the armature protruding through the floor, allowing the product to be vibrated during temperature cycling.

The vibrator and floor are sealed during operation to minimise heat losses, but can be removed for maintenance, or replaced by a solid floor for temperature-only testing.

*Advisory Group on Reliability of Electronic Equipment



Vibrator interface
insulated
floor sealing
arrangement



SIMPLE touch Programmer with touch-screen operator interface (see separate brochure)



Chamber interior showing removable insulated floor

Tornado-V customising

The test chamber heating and cooling plant can be optimised for a specific test load.

Single-stage (-40°C) and cascade (-70°C) plant can be sized to give the required temperature ramp rate for a specific thermal load. Remote plant and/or condensers can be used to keep heat and noise away from the test area.

Optional features

- Alternative temperature ranges and ramp rates available
- Multi-glazed heated window
- Internal lighting
- Product Protection thermostat
- Cable ports

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Sharetree products are designed, manufactured and supported in the UK.



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MEMBER



Specifications may vary as part of our policy of continuing product improvement