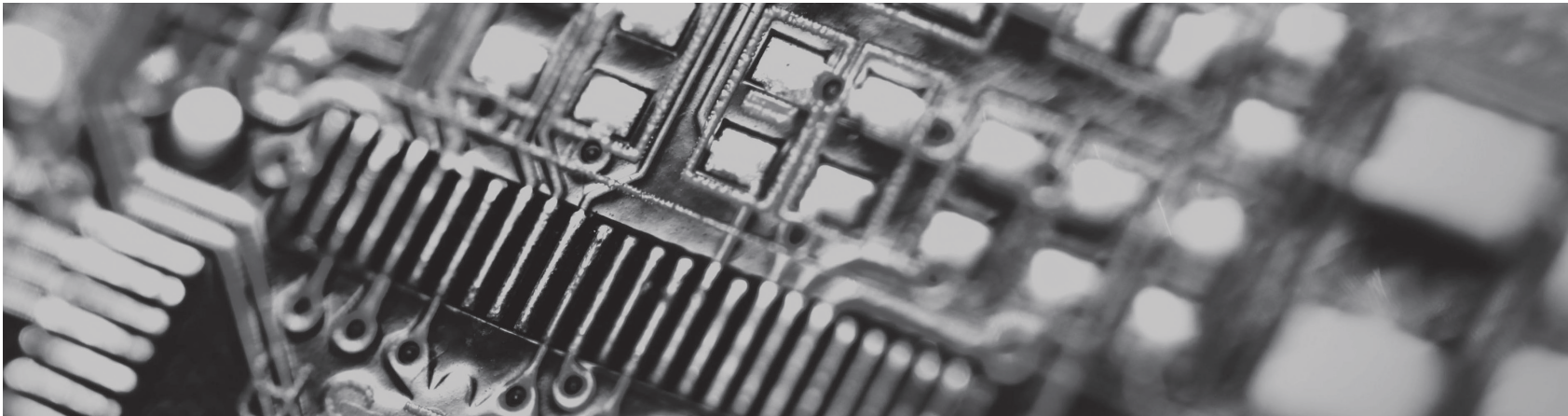


Tenney Thermal Shock Test Chamber



»» Tenney

- Meets Military Standard 883 method 1010.8 with 15 lbs. of product.
- Limit switches stop the transfer process and allow for precise product positioning
- Features the TPS Smart1.0 Controller
- Value priced – water cooled vs. liquid nitrogen cooling

For the safe, efficient, and accurate environmental testing of electronics, consumer products, and aerospace, telecommunications, and military and defense components. Non-hazardous, non-flammable, non-volatile materials only.



Address: 2821 Old Route 15 | New Columbia, PA 17856-9396 | USA
Phone: (570) 538-7200 | Fax: (570) 538-7380
info@thermalproductsolutions.com

www.thermalproductsolutions.com

Features

- Alarm and shutdown circuit provide over/under temperature protection to ensure product safety and accurate test results
- Efficient refrigeration system provides thermal capability to meet temperature stabilization times for military specifications.
- Vertical air circulation
- 2" traveling port
- Open-air, rapid-responding, low-mass, nichrome wire heating elements
- Two zone types with hot/cold compartment setups
- Cascade refrigeration system with TEV control and two semi-hermetic compressors

- Vapor-tight, interior liners made of 100% continuously welded stainless steel
- Fully automatic, PID chamber control through alpha-numeric display
- Horizontal or vertical configurations
- Ceramic insulators
- Fiberglass and polyurethane insulation ensures minimal thermal transfer
- Double-gasket doors provide additional insulation
- Door switch
- Limit switch
- Dual-carriage transport system with stainless steel, wire mesh basket

Options

- 15 x 15 viewing windows with chamber lights

Performance

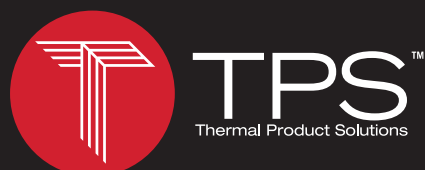
- Hot Chamber: +40°C to +200°C
- Cold Chamber: -73°C to +40°C
- Uniformity: 1.0° of Set point

Controller

Featuring the Smart1.0 Controller: the Windows-based PLC that offers the best of both worlds – the cost-effectiveness of a PLC and the flexibility of Windows.

Model	Dimensions	Operating Temp.	Maximum Temp.	Air Circulation
TS2-02-15V-S1-G	74"W x 88"H x 57"D	Cold chamber: -73°C to +40°C Hot chamber: ambient to +200°C	Cold chamber: +40°C Hot chamber: +200°C	Vertical
TS2-08-30V-S1-G	108"W x 73"H x 80"D (112" with traveling port fully extended)	Cold chamber: -73°C to +40°C Hot chamber: ambient to +200°C	Cold chamber: +40°C Hot chamber: +200°C	Vertical

Refrigeration HP	Heat KW	Weight (lbs.)	Product Load (lbs.)	Carriage Capacity	Ft ³
7.5 x 7.5 Cascade water-cooled	18/2	4200	28	15"W x 15"H x 15"D	2
15 x 15 Cascade water-cooled	18/2	5600	35	25"W x 23"H x 25"D	8



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