



T2 - Wide Range, Small Footprint

T2 Series

The Tenney T2 temperature and humidity cycling chamber simulates a wide range of temperature and humidity conditions while utilizing minimal floor space. We specifically designed these environmental chambers to have a compact exterior and an ample interior workspace.

The T2 Temperature and Humidity Cycling Chamber design allocates space within the interior of the cabinet for all standard options. This greatly improves the mobility of the unit as well as the overall appearance.

▶ Standard Features:

- Vapor-tight, continuously welded stainless steel interiors
- Minimum footprint
- Units are mobile
- Touch screen controller provides precise control over chamber operations and monitoring, and is mounted at eye level (VT III and Watlow F4 are not touch screen)
- Low workspace height to ease the loading and unloading of product
- Accurate control and display with minimum maintenance
- Vertical recirculation conditioning system



Model		T2RC	T2C
Workspace inches-(mm)	W	17 (432)	17 (432)
	D	13 (330)	13 (330)
	H	16 (406)	16 (406)
Exterior inches-(mm)	W	26 (660)	26 (660)
	D	26 (660)	26 (660)
	H	67 (1702)	65 (1651)
Temperature Range & Humidity			
Low	°C	-75	-75
High	°C	+200	+200
Change Rates in Minutes			
Ambient to °C Chamber Empty	200°C	90 Minutes	90
	150°C	40 Minutes	40
	100°C	25 Minutes	25
	93°C	17 Minutes	17
	65°C	9 Minutes	9
	2°C	5 Minutes	5
	-7°C	7 Minutes	7
	-12°C	10 Minutes	10
	-40°C	30 Minutes	30
	-54°C	45 Minutes	45
	-65°C	70 Minutes	70
	-73°C	100 Minutes	100
	-75°C	Ultimate	Ultimate
Utilities, etc			
Refrigeration		(2)1/2 HP + 1/2 HP	(2)1/2 HP + 1/2 HP
Heater Capacity		500 W	500 W
Humidifier	W	500	-
	GPH	0.15	-
AMPS @ 115V, 1Ph		18	18
AMPS Fuse		20	20
Unit Weight	LBS/Kg	350/158	350/158

Options:

- IEEE/488 interface
- LinkTenn software for Windows® that permits your computer to control up to 10 chambers
- RS-422, 423, 232 or 485 interface assemblies
- Upgrade to VersaTenn III (standard on T2RC)
- Water reservoir for humidity system (5 gallon)
- Recirculating system for humidity water
- Additional ports
- Event relay board
- Water demineralizer
- Viewing window, 6" x 7", thermally insulated and heated (no manual wiper required)
- Interior light
- Shelving, adjustable and removable
- Automatic CO2 or LN2 cooling boost system
- Automating boost heating system
- GN2 purge system
- Recording instruments
- Redundant thermal protection and alarm system
- External dryer for obtaining humidity as low as 5% (to 20°C)
- Alternate power supply wiring



Gruenberg, Blue M, Tenney, Lunaire

Mailing Address: P.O. Box 150 | White Deer, PA 17887-0150 | USA |
 Phone: (570) 538-7200 | Fax: (570) 538-7380
 Physical Address: 2821 Old Route 15 | New Columbia, PA 17856-9396
 TPSinfo@tps.spx.com

tps-tenney-t2-series-temperature-and-humidity-cycling-chambers-20100129

* Humidity capability: 20% to 98% RH in the dry bulb range of +20°C to 85°C as limited by a 3°C dewpoint. Test data based on 24°C ambient, sea level, 60Hz.

* On 50 Hz or higher than 24°C ambient, performance may be reduced. Consult factory regarding any special cooling requirements. CFC-free refrigerants are used exclusively on all Tenney chambers.

