



WSP Thermal Shock Chambers

The Tenney WSP air-to-air thermal shock chamber is a fully automated dry shock test system capable of taking product from 200°C to -70°C and back in 10 seconds or less. A movable chamber automatically transfers the work load from one temperature chamber to the other.

A dry nitrogen feed system facilitates oxygen purging in the heat chamber, preventing condensation on the metal parts of the chilled workload. A defrost heater is included to periodically defrost the cold chamber during extended tests. The lower chamber uses LN₂ to reduce workload temperature.

► Features

- Meets MIL-STD 202F, Method 107G, Conditions A, B, C, and F
MIL-STD 883, Method 1010.7, Conditions A, B, C, and F
- Solid-state overtemperature / undertemperature protection
- Electric open-air nichrome wire heater elements supported by ceramic insulators
- Two open ended finned LN₂ cooling coils
- Centrifugal type blower wheel with external mounted motor
- Pneumatically activated carriage transport system with up to six stainless steel mesh product baskets
- Test chamber drain with Type 1/4" FPT connection
- Door switches for each chamber



WSP Thermal Shock Chambers Specifications

Model	Chamber Dimensions W x H x D in. (cm)	Outer Dimensions W x H x D in. (cm)	Input kW	Voltage 60 Hz 1-phase*	Cubic Feet Capacity (liters)	Carriage W x H x D in. (cm)	Traveling Port Extended
WSP-109	21 x 24 x 24 (53 x 61 x 61)	55 x 40 x 90 (140 x 102 x 229)	110	208V	2.0	15 x 15 x 19 (38 x 38 x 48)	105" H
WSP-109			100	240V			



VersaTenn V Control System

The VersaTenn V control system is available on all environmental test chambers that include humidity cycling capabilities and select models of other TPS products. It provides a programmable, bidirectional control with a user-friendly alpha-numeric display.



**Baker Furnace, Blue M, Gruenberg, Lindberg/MPH,
Lunaire, Tenney, Wisconsin Oven**

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Specifications and Product Information are subject to change without notice.