




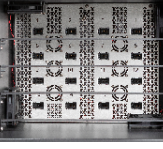

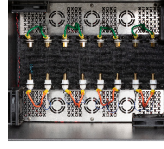
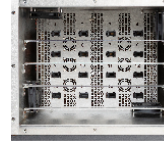
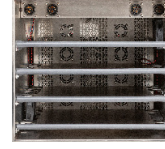


UHPC Thermal Chambers

UHPC Thermal Chambers - Accuracy, Stability and Reliability

NOVONIX's line of Thermal Chambers are optimized for accuracy, stability, and reliability. Paired with Ultra-High Precision Coulometry (UHPC) Channel Modules, these Thermal Chambers complete our turnkey UHPC offering, and keep your testing programs on track. Various chamber options are available to meet your test temperature, cell format, and available power supply requirements.

	16-position, 2A	4-position, 20A	8-position, 20A	16-position, 2A WRC*	4-position, 20A WRC*
Front View					
Internal View					
Set Point Temperature Range	10°C to 60°C	10°C to 60°C	10°C to 60°C	-20°C to 60°C	-20°C to 60°C
Accuracy (Stability) at 20°C	±0.2°C (±0.02°C)	±0.5°C (±0.05°C)	±0.2°C (±0.02°C)	±1.0°C (±0.1°C)	±1.0°C (±0.1°C)
Accuracy (Stability) at 0°C	N/A	N/A	N/A	±0.7°C (±0.06°C)	±0.8°C (±0.07°C)
Required Lab Temp Range (Stability)	18°C to 28°C (±1°C)	18°C to 28°C (±1°C)	18°C to 28°C (±1°C)	15°C to 20°C (±1.0°C)	15°C to 20°C (±1.0°C)
Heating Method	Resistive	Resistive	Resistive	Resistive	Resistive
Cooling Method	Peltier	Peltier	Peltier	Compressor	Compressor
Standard Rack Mountable (Size)	Yes (10U)	Yes (10U)	Yes (10U)	Yes (10U)	Yes (10U)
External Depth, inches (mm)	17.5 (445)	21.4 (546)	17.5 (445)	37.8 (961)	37.8 (961)
Internal Dimensions, inches (mm)	14.2 x 11 x 11.25 (360) x (279) x (285)	14.2 x 12.5 x 15 (360) x (317) x (381)	14.2 x 11 x 11.25 (360) x (279) x (285)	14.2 x 11 x 11.25 (360) x (279) x (285)	14.2 x 12.5 x 15 (360) x (317) x (381)

*Wide Range Chamber. NOVONIX only recommends these chambers for applications that will truly demand cold temperatures. For regular applications, use Peltier-style chambers, which are more efficient and responsive due to their solid-state coolers.

Contact us to learn how UHPC technologies can improve your battery development, manufacturing, selection and more: bts-sales@novonixgroup.com