

Battery Test Chambers

Thermotron has proven solutions to test your lithium-ion batteries. Whether you're testing battery cells, modules, or packs, Thermotron has high performance battery test chambers that exceed industry standards. A variety of safety features are available to ensure the chamber and its operator are never in harm's way.

Feature	Benefit
Blow Off Top	Releases when pressures exceed the limit. A metal cage houses the blow off top to block particulates from escaping.
Explosion Proof Interior Light	Specially configured workspace light bulb protects it from being damaged.
Exterior Light	A light source mounted on the outside of the chamber that will not explode from extreme conditions.
Gas Detector & Monitor	Detects and monitors imbalances in hazardous gas levels.
Intrinsic Safety Isolation Barrier	Protection for safe operation in dangerous atmospheres and under irregular operating conditions.
Non-Sparking Fan Blade	Ensures the fan will not act as an ignition agent if gas is present.
Reinforced Floor	Ideal for testing heavy or multiple battery modules or packs.
Sheath Heater	Temperatures cannot increase higher than the auto ignition temperature.
Nitrogen Purge	Reduces oxygen content inside the chamber workspace.
Hand Wheel Door Latch	Heavy-duty door handle ensures that pressures will not blast the door open.
Handle/Latch	Latch holds door shut while a proximity switch detects whether the door is properly locked and acts as a blow-out option.

