

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 within the chamber 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 | Provides 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 | Prevents temperatures from increasing 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 open the door. |
| Handle/Latch | Latch holds the door shut while a proximity switch detects whether the door is properly locked and acts as a blow out option. |



For more than 55 years, Thermotron has provided quality environmental test equipment. We've worked to establish a trusted reputation among our peers, and when people hear the name *Thermotron*, they have confidence in the testing of their own product. We've been building our name since 1962; now it's your turn.

**QUALITY. TRUST.
CONFIDENCE.**
— BUILD YOURS WITH A —
THERMOTRON.

T H E R M O T R O N . C O M

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