

## AVAILABLE BATTERY TESTING SAFETY FEATURES



Not all batteries are created equal. Neither are your testing needs.

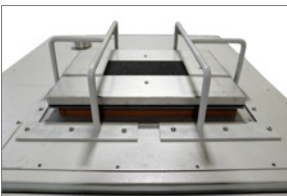
At Thermotron we believe the best way to support our customers is to personalize our products and our service to fit your exact needs.

Along with a variety of available safety features designed specifically for battery testing, every Thermotron chamber is manufactured to meet or exceed all industry safety regulations, standards, and requirements. Safety is always a top priority at Thermotron. There are no exceptions.

# AVAILABLE SAFETY FEATURES

FEATURE	BENEFIT
Automatic Door Locks	Prevents access to the testing chamber during a normal cycle or when an alarm condition has been detected.
Blow Off Top	Releases when pressures are too great. A metal cage houses the blow off top to block particulates from escaping.
Chain Lock Door	Safely catches the door in the event of an accidental explosion.
Explosion Proof Interior Light	Special configuration of the light bulb protects it from damage inside the chamber.
Exterior Light	A light source mounted on the outside of the chamber that guarantees the bulb will not explode due to extreme conditions.
Gas Detector/Monitor	Monitors/detects any imbalance in hazardous gas levels.
Fire Suppression System	Controls a fire by displacing oxygen and applying a cooling effect directly to the product being tested.
Hand Wheel Door Latch	Heavy-duty door handle to ensure that pressures will not blast door open.
Handle/Latch	Latch holds door shut while a proximity switch detects whether the door is properly locked, acts as a blow-out option.
Intrinsic Safety Isolation Barrier	Protection for safe operation in dangerous atmospheres and under irregular operation conditions.
Nitrogen Purge	Reduces oxygen content inside the chamber.
Non-Sparking Fan Blade	Ensures the fan will not act as a starting agent if gas is present.
Reinforced Floor	Ideal for testing heavy or multiple battery modules or packs.
Sheath Heaters	Temperatures cannot increase higher than auto ignition temperature.

Blow Off Top



Chain Lock Door



Fire Suppression System



Sheath Heaters



Automatic Door Locks



Intrinsic Isolation Barrier



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

US: 291 Kollen Park Drive, Holland, Michigan 49423 | P: (616) 393-4580 | F: (616) 392-5643 | [info@thermotron.com](mailto:info@thermotron.com)

UK: Winch Rd., Kent Science Park, Sittingbourne, Kent, ME9 8EF England | P: 01795 436333 | F: 01795 436777 | [sales@thermotron.co.uk](mailto:sales@thermotron.co.uk)