

# Flammability Test Enclosures

*Aerospace*



Aerospace Flammability  
Test Equipment



# Flammability Test Enclosures



Thermtech Industries specializes in providing flammability test enclosures that are in compliance with the Federal Aviation Administration (FAA) testing guidelines set forth to comply with the Federal Aviation Regulation (FAR) part 25 flammability testing requirements. Thermtech also offers flammability test enclosures that are in compliance with individual aircraft producers testing guidelines.

All of our enclosures are designed to withstand the most stringent test environment to ensure your enclosure will last for many years.

## Standard Design Features

All Thermtech flammability enclosures include the following standard features.

- Stainless steel housing
- Stainless steel specimen holder
- Bunsen Burner with needle valve flame height
- Tempered observation glass.
- Manual gas shut-off valve



## Flammability Test Enclosures Offered

### Horizontal Bunsen Burner Enclosure *(Model HE-FAA)*

Designed to test cabin, cargo compartment, and miscellaneous materials in accordance to the 15 second burn test specified per **FAR 25.853**.

### Vertical Bunsen Burner Enclosure *(Model VE-FAA)*

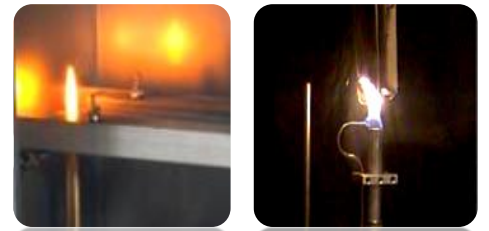
Designed to test cabin and cargo compartment materials in accordance to the 60-second and 12-second burn test specified per **FAR 25.853** and **FAR 25.855**.

### Multi-Purpose Bunsen Burner Enclosure *(Model MP-FAA)*

The multi-purpose enclosure is designed to carryout a multitude of FAA flame resistance and flame propagation tests. These tests include Horizontal, Vertical, 45° and 60° burn tests in accordance to **FAR 25.853, 25.855 and 25.869**.

# Flammability Test Enclosures

FAA Compliance



All Thermtech flammability test enclosures are designed and fabricated in accordance to FAA recommended testing guidelines. Our enclosures are designed to withstand the most stringent test environment to ensure your enclosures last for many years of service.

Enclosure Type	Description	Specifications
Horizontal (Model: HE-FAA)	Designed to test cabin, cargo compartment, and miscellaneous materials in accordance to the 15 second burn test.	<ul style="list-style-type: none"><li>• FAR Part 25 Appendix F Part I</li><li>• Airbus AITM 2.0003</li><li>• Boeing BSS 7230</li></ul>
Vertical (Model: VE-FAA)	Designed to test cabin and cargo compartment materials in accordance to the 60-second and 12-second burn test.	<ul style="list-style-type: none"><li>• FAR Part 25 Appendix F Part I</li><li>• Airbus AITM 2.0002</li><li>• Boeing BSS 7230</li><li>• Federal Test Method 5903</li></ul>
Multi-Purpose (Model: MPE-FAA)	<p>Single Enclosure designed to perform a multitude of different tests (45°, 60°, Horizontal &amp; Vertical Tests).</p> <p>The Multi-Purpose Tester requires repositioning of the interior components for different tests. If the user performs each of these tests on a frequent basis, it would be more practical to purchase an individual test cabinet for each test type.</p>	<ul style="list-style-type: none"><li>• FAR Part 25 Appendix F Part I</li><li>• Airbus AITM 2.002, 2.003, 2.004, 2.005</li><li>• Boeing BSS 7230: (F-1, F-2, F-3, F-4, F-5, F-6)</li></ul>



**Thermtech**  
*Industries*

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## **Contact Details**

8526 South Elwood  
Tulsa, Ok 74132

Phone: 918-813-0696  
E-mail: [sales@thermtechindustries.com](mailto:sales@thermtechindustries.com)  
Website: [www.thermtechindustries.com](http://www.thermtechindustries.com)