

Fire Testing Technology Limited

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UL 94 HORIZONTAL/VERTICAL FLAME CHAMBER

The FTT UL 94 tests the flammability of plastic materials for parts in devices and appliances. The apparatus is supplied as a complete system incorporating all the features necessary for ease of use and safety. It conforms to all five UL 94 horizontal and vertical burner tests and associated ASTM and international standards. These are: -

- Horizontal Burning Test; UL 94HB (ASTM D 635, IEC 60695-11-10, IEC 60707, ISO 1210).
- Vertical Burning Test: UL 94 V-0, V-1, or V-2 (ASTM D 3801, IEC 60695-11-10, IEC 60707, ISO 1210).
- 500 W (125mm) Vertical Burning Test: 5VA or 5VB (ASTM D 5048, IEC 60695-11-20, IEC 60707, ISO 9772).
- Thin Material Vertical Burning Test: VTM-0, VTM-1, or VTM-2 (ASTM D 4804, ISO 9773).
- Horizontal Burning Foamed Material Test: HF-1, HF-2 or HBF (ASTM D 4986, ISO 9772).
- Burners (ASTM D 5025, ASTM D 5207, ISO 10093, ISO 10351)



FEATURES

- A bench mounted draft free stainless steel combustion chamber having a large inside volume of 0.85m³ and fitted with an interior light and exhaust fan to enable simple evacuation of combustion products.
- Large door and window made from toughened safety glass giving a generous view of the specimen during a test.
- Specimen holders.
- Fully adjustable horizontal and vertical specimen supports.
- A burner in compliance with ASTM D 5025, with simple angle adjustment (0°, 20°, 45°) and precision gas control system including gas flow meter, pressure regulator and pressure gauge.
- Two access ports enabling easy entry to the chamber for movement of the burner and specimen.
- A burner wing tip.
- Three digital test duration timers for accurate but simplified operation

OPTION

- Burner calibration kit, conforming to ASTM D 5207.

FTT is a world leader in fire testing instrumentation and offers a comprehensive spares and maintenance service for fire testing equipment.

Please visit our web-site (www.fire-testing.com) or contact us directly for any further information on our range of fire testing instrumentation.