

## HORIZONTAL FLAMMABILITY CHAMBER

### FEATURES

- The Horizontal Flammability test chamber is used in various areas of fire testing of materials, including:
- FMVSS 302 - Department of Transportation – First ½” depth of materials in occupant compartments of all motor vehicles.
- Volkswagen TL 1010.
- FAA – FAR Part 25 Appendix F Part 1(b)(5) - Some materials used in interior compartments of airplanes.
- Boeing BSS 7230 F3 and F4

The test chamber is fabricated from high quality brushed stainless steel and includes the following features:

- Flame mode for pre-test flame stabilisation.
- Digitally adjustable flame application time.
- Automated start of test by sample insertion.
- Automatic control of flame application time.
- Digital timer records total burning time, which is then used to calculate burn rate.
- Enables recording of “after flame” values.
- Operates on 220V AC, 50 Hz or 110V AC, 60 Hz
- Specimen holder & stationary burner, complete with gas pilot tube, included.

Options:

- U-frame with 0.25mm wire
- ISO 3795 specimen holder
- Thermocouple c/w digital meter to measure flame temperature



### SPECIFICATIONS

**FMVSS 302**

**ISO 3795**

**FAR Part 25 Appendix F Part I**

**BSS 7230**

**ASTM D 5132**



## HORIZONTAL FLAMMABILITY CHAMBER

### TECHNICAL DATA

**Electrical:**

230 volts AC 50Hz volts / 115volts AC 60Hz

**Ambient Temperature:**

Operating 10°C to 35°C

**Dimensions:**

580mm (W) x 400mm x (H) x 260mm (D)



### SERVICES REQUIRED

**Gas Supply:**

Commercial grade methane of minimum purity of 99% at a pressure of 0.2 Bar (2.5 psi) nominal