

## Fabric Vertical Burn Tester

**Model: F0007-C**

The Fabric Vertical Burn Tester measures the ease of ignition of vertically oriented textile fabrics and industrial products, in the form of a single or multi component fabrics, when subjected to a small defined flame. A textile is held vertically in a frame. A small flame is used to ignite the specimen and the time is measured for the flame to spread up the specimen, as well as afterflame time and afterglow time. The test method assesses the properties of textile fabrics in response to flame contact under controlled conditions.



The instrument operates by applying a defined flame to the surface or the bottom edge of the test specimen. The mean ignition time is determined as the weighted mean of the measured flame application times to obtain ignition of the specimens.

The Gas Burner is designed to allow several different positioning, dependent on the angle of test required. Face test, Bottom-edge ignition, horizontal stand-by position, horizontal reach adjustment, and vertical stand-by flame height can all be achieved on the Fabric Vertical Burn Tester. Test specimens are cut to size with dimensions  $200 \pm 2\text{mm} \times 80 \pm 2\text{mm}$ .

Timing devices are used with the Fabric Vertical Burn Tester to control and measure the flame application time, the afterflame time and/or the afterglow time. They are started automatically, and can be pressed manually as required.

### Applications:

- Coated textiles
- Quilted textiles
- Multi layered textiles
- Sandwiched textiles

### Features:

- Adjustable flame
- Easy fixing mechanisms
- Specimen Mounting Frame:  
190mm x 70mm
- Gas Burner
- Gas Timer
- Timing Devices



*Brushing Device*



*Draft Enclosure*

10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: [www.idminstruments.com.au](http://www.idminstruments.com.au)

Email: [idm@idminstruments.com.au](mailto:idm@idminstruments.com.au)

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*a measurable difference...*



## Fabric Vertical Burn Tester

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### Standards:

- ISO 6940
- ISO 6941

### Options:

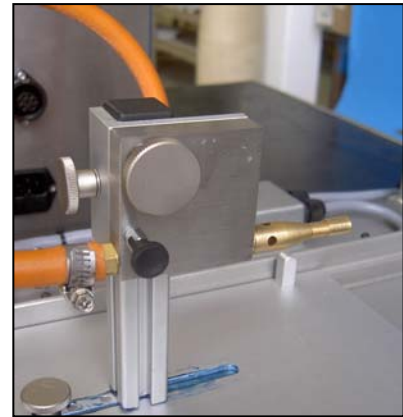
- Stainless Steel Draft Enclosure
- Brushing Device

### Connections:

- **LPG:** Commercial Grade:  
Propane, Butane or Butane/Propane mixtures
- **Electrical:** 220/240 VAC @ 50 HZ  
110 VAC @ 60 HZ  
*(please specify when ordering)*

### Dimensions:

- **H:** 400mm
- **W:** 700mm
- **D:** 540mm
- **Weight:** 45kg



*Close up of Gas Burner*

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