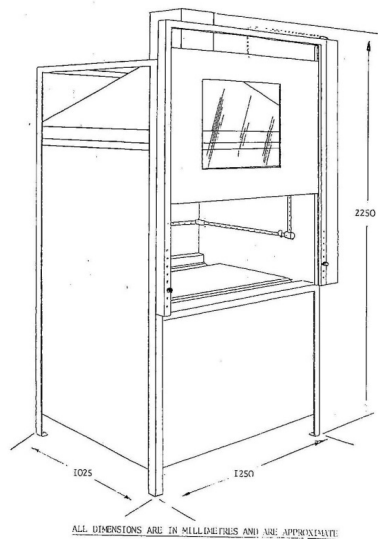


## FIRA FLAMMABILITY TEST EQUIPMENT

**CAPABILITIES:** Equipment for flammability testing of fabrics and foam.



### DESCRIPTION:

The test cabinet is designed to provide an enclosure for ignitability testing that when connected to a suitable external forced extraction system removes smoke and fumes, thus providing a clean and safe working environment for the operators.

Ventilation to the specified Standards is achieved without creating draughts which could invalidate test results.

Incorporated into the cabinet is a manually operated water spray system employed to extinguish any fire without the need to open the cabinet door. This facility prevents pollution of the laboratory atmosphere during the test programme.

The cabinet is designed to be suitable for both European and British test rigs, and all test variations called up in the UK domestic furniture legislation.

### The unit is supplied with the following equipment:

- Test cabinet with suitable duct connection to the (excluded) extract system.
- Two test rigs for testing to EN 1021.
- Gas burner tube
- 2 off Gas flow meter
- Constant temperature water bath
- Water soak bath

**The following equipment is excluded:**

- Fume extract system
- Gas supply

**THIS EQUIPMENT IS CAPABLE OF TESTING TO THE FOLLOWING STANDARDS:**

|           |                                                                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN 1021-1 | Furniture. Assessment of the ignitability of upholstered furniture. Ignition source smouldering cigarette                                                                                                                   |
| EN 1021-2 | Furniture. Assessment of the ignitability of upholstered furniture. Ignition source match flame equivalent                                                                                                                  |
| BS 7176   | Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites                                                                                                            |
| BS 7177   | Specification for resistance to ignition of mattresses, mattress pads, divans and bed bases (with additional test rigs)                                                                                                     |
| BS 5852   | Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources<br>UK Furniture & Furnishings (Fire) (Safety) regulations 1988 as amended (with additional test rigs) |

**Specification:**

|                   |        |                                         |
|-------------------|--------|-----------------------------------------|
| Load Application: | N/A    |                                         |
| Dimensions:       | Height | 2250 mm (to be mounted to the building) |
|                   | Width  | 1250 mm                                 |
|                   | Depth  | 1025 mm                                 |
| Power Supply:     | N/A    |                                         |
| Air Supply:       | N/A    |                                         |

**Shipping:**

|                   |         |         |
|-------------------|---------|---------|
| Packed dimensions | Height  | 2660 mm |
|                   | Width   | 1600 mm |
|                   | Depth   | 1500 mm |
| Gross Weight:     | 101 kgs |         |
| Nett Weight:      | 64 kgs  |         |

**For more information please contact Phil Reynolds on 01438 777700 or email [preynolds@fira.co.uk](mailto:preynolds@fira.co.uk)**