

## IGNITION CHAMBER

### FEATURES

- Instrument complies with & performs EN ISO 11925-2 test standard.
- Bench mounted draught free chamber with dimensions according to the latest standard.
- Primary specimen holders.
- Two large opening tempered glass doors to allow easy viewing.
- Purpose built ignition source with vertical & 45° orientations.
- External horizontal burner positioning mechanism.
- External lateral positioning of specimen.
- Flame measuring device.
- Edge flame impingement spacer.
- Surface flame impingement spacer.
- Options available:
  - Multilayer specimen holder
  - Loose fill specimen holder
  - Anemometer 0-10 m/s range
  - Timing device with 0.2 sec divisions

The EN ISO 11925-2 test is one of the series of Euroclass test standards currently in use across Europe. This test is a reaction to fire test for building products and measures the ignitability of a sample when subjected to direct impingement of flame. It is relevant to material classes C, D and E. Concept offer an integrated package that allows you to perform this test with ease. The apparatus also complies with DIN 4102 Part 1 class B2, small burner test and NF P 92-504.



### SPECIFICATIONS

**EN ISO 11925-2**  
**DIN 4102 Part 1 class B2**  
**NF P 92-504**

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### TECHNICAL DATA

#### Electrical:

230 Volts AC 50 Hz or 115 Volts AC 60Hz

#### Dimensions:

The chamber has overall dimensions of approximately 850 mm (width) by 450 mm (depth) by 800mm (height).



### SERVICES REQUIRED

#### Gas Supply:

The fuel gas used in the test is propane with a minimum purity of 95%. The pressure required to obtain flame stability at 45° needs to be between 10 kPa and 50 kPa.

#### Electrical supply:

The European supply voltage to the instrument is nominally 230 volts, 50 cycles. In the US, it should be supplied with a voltage of 115 volts, 60 cycles.

The power input connection lead should be fitted with a suitable mains plug, specific to the country of installation. This should also provide an effective earth connection.