Carpet Flammability Tester

Used to test the effects of a small source of ignition on floorcoverings

Can be used for either the hot metal nut test or the methenamine tablet test.

The test chamber is manufactured from non-combustible heat resistant board with a counter-weighted sliding panel for easy access. The mirror on top of the chamber allows the operator to view the specimens during the test.

Test Method (Hot Nut)

The stainless steel nut is heated to a temperature of 900°C in a muffle furnace. The specimen is placed inside the test chamber and the clamping rig is placed onto the sample. The heated nut is placed in the centre of the clamping rig, using crucible tongs supplied.

After 30 seconds the nut is removed and the effects of the ignition allowed to subside. Measurements are then made to assess the spread of the ignitition on the sample.

Test Method (Methenamine Tablet Test)

It is recommended that the test chamber is placed in a laboratory fume hood.
The conditioned specimens are placed on the removable base inside the test chamber and the metal plate with a circular cut-out is placed on the sample. The tablet is placed at the centre of the specimen and ignited. After the flame has extinguished, measurements are taken to assess the effects.

Key Features
- ✔ **Complete with measuring grid and clamping ring**
- ✔ **Sliding panel for easy access**
- ✔ **Angled mirror for viewing**
- ✔ **Applicable to 2 different tests**
- ✔ **Enclosed unit for optimum safety**

Consumables
- Test Chamber
  Order Code – CFT:001
- Furnace for use with Hot Nut Test Method
  Order Code – CFT:FUR
- Accessories for Hot Nut Test
  Order Code – CFT:002
- Accessories for Methenamine Tablet Test
  Order Code – CFT:003
- M16 Nuts
  Order Code – CFT:NUT

Conforms to: BS4790:1987, BS 6307:1982, and ISO 6925:1982.
Dimensions: 500mm (W), 500mm(D), 830mm(H)

Order Code: CFT:001

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For further info call:
+44 (0) 1274 733145
Email: sales@wira.com or visit: www.wira.com

Wira Instrumentation Ltd, Unit 6, Great Russell Court, Fieldhead Business Centre, Bradford, BD7 1JZ, United Kingdom

CFT:001 | Issue 1