



Fast and accurate results

Apparatus for the testing of protective clothing.

Protective clothing against Radiant Heat may be used in a wide range of applications. It may be required to protect workers against a low intensity heat for a long period of time, alternatively the intensity may be rated as medium or high, but the time period will be adjusted accordingly.

Test Method

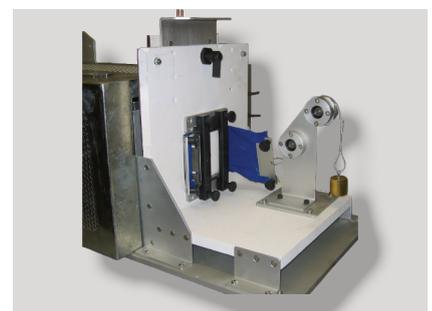
The Wira Radiant Heat Test Apparatus may be used to test the material in two ways. In the first test the specimen is subjected to a level of thermal radiation. In order to represent the most severe conditions for the material, very little

heat is conducted away from the sample. Changes in appearances are recorded. In the second method, a calorimeter is placed behind the sample, and so conducts heat away from the back of the material. The temperature rise is recorded against time and the heat transfers are determined.

The radiation source consists of silicon carbide heating rods. The test frame is constructed from a non-combustible board, and is easily adjusted to set the required heat flux density. A water-cooled protective screen protects the heat source until the test begins.

Key Features

- ✓ *Removable test frame for easy mounting of samples*
- ✓ *Tensioning weight*
- ✓ *Pneumatic operation of cooling screen*
- ✓ *Recording software*



Dimensions: 1250mm (W), 475mm (D), 450mm (H)

Power: 220 Volts, 35 Amps

Standards: BS EN ISO 6942:2002

Order Code: PCT:001