

VERTICAL TEXTILE FLAMMABILITY TESTER

FEATURES

- The EN ISO6940 and 6941 tests are extensively applied throughout industry especially in the textile and apparel manufacturing industries, where it is widely used for the testing of fabrics and other woven material products. The test measures the rate of flame spread for vertically oriented samples.
- This new model available from Concept Equipment utilises modern technology and has been designed with ergonomics in mind to ensure that testing, is as user friendly as possible.
- Standard equipment complies with the mandatory requirements of EN ISO6940 and 6941 standards.
- Other test methods can be performed on the apparatus, such as the BS 5867/5438 series of tests with the addition of additional templates and sample holders.
- Stainless steel instrument chassis with specimen holder location and thread roller assemblies.
- 2 stainless steel specimen holders are included. One for EN ISO 6940 and one for EN ISO 6941.
- Fully compliant burner complete with needle control valve.
- 0° and 30° angle burner support assembly with 'Y' and 'Z' adjustment for fine location of burner.
- Marker thread pack 450m and debris/drip tray included.
- Flame height spacer for 40mm and 25mm flame adjustment included.
- Horizontal Surface ignition flame spacer (0°) and Edge Ignition flame spacer (30°) included.
- A single push-button on the control panel activates/deactivates the gas supplies ensuring the system is isolated easily.
- Emergency stop button to kill gas and power to ensure maximum safety.
- Ideal for use in quality control applications as well as a tool for the development and analysis of new materials.
- The instrument can also be upgraded for testing to prEN ISO13772.



SPECIFICATIONS

EN ISO 6940
EN ISO 6941
BS 5867/5438
prEN13772

VERTICAL TEXTILE FLAMMABILITY TESTER

TECHNICAL DATA

Electrical:

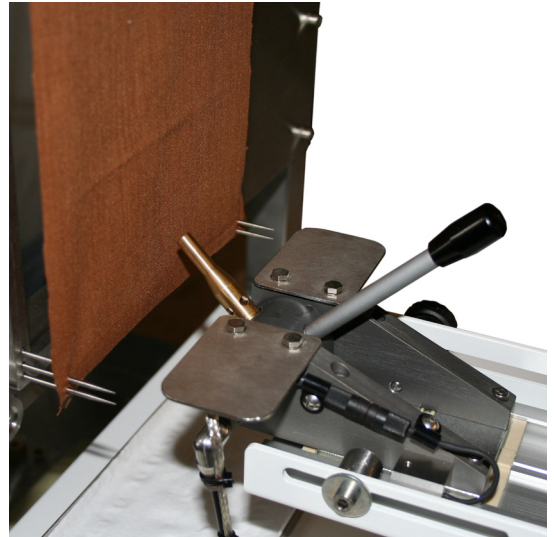
110 to 230 volts - 5 Amps

Ambient Temperature:

Operating 10°C to 35°C

Dimensions:

500mm (W) x 820mm x (H) x 660mm (D)



SERVICES REQUIRED

Gas Supply:

The preferred fuel gas used in the test is propane. Butane or a mixture of both is acceptable according to the test standard. The pressure required to obtain flame stability at 30° needs to be between 10 kPa and 50 kPa. No other restrictions should be used as this will reduce the flow rates.

Electrical supply:

The European supply voltage to the instrument is nominally 230 volts, 50 cycles. In the US, it is 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.