

## TOY FLAMMABILITY TESTER

### FEATURES

- The EN 71-2 test is extensively applied throughout the toy industry specifically for complete toys and for materials used as part of a toy. The test measures the rate of flame spread for vertically oriented samples and specimens positioned at 45°.
- 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 the EN 71-2 standard.
- Other test methods can be performed on the apparatus, such as EN ISO 6940, EN ISO 6941 and the BS 5867/ 5438 series of tests, with the use of additional templates and sample holders.
- Stainless steel instrument chassis with specimen holder location and thread roller assemblies.
- 3 off stainless steel specimen holders are included. One for the 45° test and one to support various types and size toys.
- 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 20mm flame adjustment included.
- 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.



### SPECIFICATIONS

#### EN71-2

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### TECHNICAL DATA

**Electrical:**

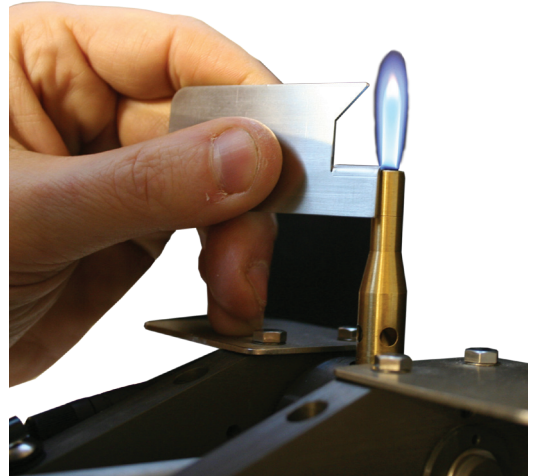
110 to 230 volts - 5 Amps

**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.