

TXL-YAN-007 / 27 October 2026 · One-year manufacturer warranty

Blanket Flammability Tester

Cabinet for controlled flame contact and measurement of flame-spread time in blanket textiles. Verify flame-application control and spread timer separately.



Model technical data

1	Many different test methods can be installed help with touch screen control unit and computer connection.
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Physical specifications and utilities

Electrical supply	Approx. 220–240 V AC, 50/60 Hz, single phase; build-dependent.
Power / connected load	Approx. 20–100 W connected load for preliminary planning.
Overall instrument dimensions	Approx. 1000 × 800 × 1300 mm (W × D × H).
Instrument weight	Approx. 50–90 kg net.
Gross / shipping weight	Approx. 80–137.5 kg gross; estimated packing allowance.
Lab requirements	Method-specified test gas, regulator and exhaust / fume hood; gas type and flow follow the selected method and burner.

Dimension order and approximate values are stated in each row. Packaging data are separate from instrument dimensions and net mass. Approx. rows are preliminary engineering estimates based on comparable equipment and function/capacity; they are not verified manufacturing measurements or standard requirements. Installation and shipment are finalised against the approved drawing and nameplate. Estimate scope: base product / one unit; external computer, bench and auxiliary plant excluded.

Specifications, dimensions, and power requirements are approximate and subject to change without prior notice for continuous design improvements.

Product technical specifications and images may vary according to manufacturing conditions and applicable standards.

Test and configuration

Measured output / function	Burning behaviour of blanket specimens
Parameters selected for the method	Specimen orientation, flame application and conditioning
Verification points	Burner/gas flow, geometry and timing

Control and recording specification

Method-specific software and recording requirements follow. Delivered software modules are defined by the order scope.

- Method code and edition, specimen ID, operator and selected test parameters are linked to the record.
- The calculation and endpoint are defined by the selected method edition; instrument signals and operator assessments are kept distinct.
- Raw measurements, units, valid/invalid test flags and the reported result remain traceable.
- Calculations are checked against known inputs and an independent calculation; sensor channels are checked against calibration values.

Related test methods

BS 5722 · ASTM D4151

Listed methods are application references. Suitability is established by assessing hardware, method edition and calibration together.

Test parameters for the reviewed method

The values below were reviewed in selected clauses of the stated source edition. They are not a declaration of equivalence to a later edition or independent instrument verification.

ASTM D4151-92 (2001) / 6.1–6.1.1.2

1	Control flame contact in the blanket cabinet to 1 ±0.05 seconds. The flame-spread counter reads to 0.01 seconds; counter resolution is distinct from flame-contact timing accuracy. Verify both timing functions separately.
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