



No. **252-UL-94** PLASTIC FLAMMABILITY TESTER



PLASTIC - RUBBER

ELECTRIC WIRE - CORD

LEATHER - VINYL LEATHER CLOTH

PAPER - PULP

TEXTILE - DYEING

PAINT - PIGMENT - INK



No.252-UL-94 (MANUAL)

No.252-UL-94 (ELECTRIC SYSTEM)

UL-94, JIS-K6911, ASTM-D635, D3801, D4804, D5025, D5207, ISO-1210

➤ FEATURE

■ No.252-UL-94 PLASTIC FLAMMABILITY TESTER (MANUAL)

This tester is used to evaluate the burn-resistance of plastic according to the vertical flaming test (VB) and horizontal flaming test (HB). By adding the option jigs, the tester can also carry out other test methods (5V, VTM, HBF, HF).

■ No.252-UL-94 PLASTIC FLAMMABILITY TESTER (ELECTRIC SYSTEM)

The tester has been improved so that the operator can conduct the test easily using the jog dial type controller and touch panel display, which is equipped with voice guidance. With these functions, the operator can concentrate on observing the condition of the test specimen, while controlling the burner to adjust the distance between the flame and the test specimen.

➤ SPECIFICATION

Model	No.252-UL-94 (Manual)	No.252-UL-94 (Electric System)
Chamber	1,000 × 555 × 905 mm (Volume Approx. 0.5 m <sup>3</sup> )	1,000 × 555 × 905 mm (Volume Approx. 0.5 m <sup>3</sup> )
Specimen	L125 ± 5 mm, W13.0 ± 0.5 mm, T13 mm or less	
Burner	L100 ± 10 mm, Inner Diameter φ9.5 ± 0.3 mm	
Burner Base	Slide type (With Operation Handle), Inclination Angle 45 ± 2°, 20 ± 5° (5 V)	Slide type (With Jog Dial Type Controller), Inclination Angle 45 ± 2°, 20 ± 5° (5 V)
Burner Calibration Device	Flow Meter: Max. 150 ml/min (Scale 2 ml/min) (Standard 105 ml/min) Flow Meter: Max. 1,000 ml/min (Scale 10 ml/min) (Standard 965 ml/min) Manometer: Max. 200 (± 100) mmH <sub>2</sub> O (Scale 1 mmH <sub>2</sub> O) (Standard 10 mmH <sub>2</sub> O) Timer, Built-In Thermometer	
Accessories	Flame Gauge (20 mm) (Option: 125 mm & 38 mm), Ring Stand, Wire Mesh, Dry Cotton Pad, Fireproof Gloves, Gas Lighter	
Option	Horizontal Burning Support Fixture (HB), Plaque Support Fixture (5 V), Spring Clamp (VTM), Foam Support Fixture	
Power Source	AC 100 V, 1-Phase, 15 A, 50/60 Hz	AC 100 V, 1-Phase, 10 A, 50/60 Hz
Heat Source	Methane Gas (Purity: Over 98 %)	
Dimensions/ Weight (Approx.)	W1,510 × D610 × H1,100 mm/ 200 kg	W1,500 × D615 × H1,100 mm/ 230 kg

\*Power source, dimensions, weight may differ by specifications.