

No. 440-S MVSS FLAMMABILITY TESTER



No.440-S1



No.440-S1
Option: Timer



No.440-S2
Option: Timer

FMVSS-302, JIS-D1201, (JASO), ISO-3795, ASTM-D5132

FEATURE

This tester is used to evaluate the flammability of inner material for cars, tractors, and machines. The test specimen is set on a U-shaped specimen holder, and applied heat on the open end for 15 seconds. The operator is then to measure the flaming speed of the test specimen.

SPECIFICATION

Model	No.440-S1 (FMVSS, ASTM)		No.440-S2 (JIS, ISO, JASO)	
	FMVSS	ASTM	JIS / ISO	JASO
Standard	FMVSS	ASTM	JIS / ISO	JASO
Specimen (Standard)	W102 mm, L356 mm, T13 mm or Less	W100 mm, L300 mm or more, T13 mm or Less	When W3 to 60 mm L356 mm, T13 mm or Less When W60 to 100 mm L138 mm, T13 mm or Less	W100 mm, L356 mm
Bunsen Burner	Inner φ10 mm	Inner φ9.5 ± 0.3 mm	Inner φ9.5 ± 0.5 mm	Inner φ10 mm
Heat Source	Natural Gas	Methane Gas or Natural Gas (Calorific Value 37 ± 1 MJ/m ³)	Natural Gas (Calorific Value 38 MJ/m ³)	Natural Gas (Calorific Value 38 MJ/m ³)
Specimen Holder	U-shape with Groove (Pitch 25 mm), Marked Line		U-shape with Groove (Pitch 25 mm), Pin Tray	
Heat-Resisting Wire	φ0.25 mm			
Accessories	Specimen Attachment Set, Gas Lighter, Thermometer, LPG Gas Hose, Hose Band, Flame Gauge, Heat-Resisting Wire, Specimen Holder (Only No.440-S1), Bobbin (Only No.440-S1), Saucer (Only No.440-S2)			
Option	Timer (Flaming Time Control), Spirit Level, Heat-Resisting Wire(Spare)			
Power Source	AC 100 V, 1-Phase, 5 A, 50/60 Hz (with Timer)			
Dimensions/ Weight (Approx.)	W480 × D250 × H580 mm/ 18 kg		W480 × D250 × H580 mm/ 20 kg	

No. 445 ELMENDORF TYPE TEARING RESISTANCE TESTER FOR TEXTILE



No.445

JIS-K6404-4, (L1018), L1085, L1096, ISO-9290

FEATURE

This tester is used to evaluate tearing resistance of textile, rubber, and plastic film, according to the pendulum method. Swinging the fan shaped pendulum from a prescript height to tear the test specimen that has been slit beforehand, the operator is to read the workload to calculate the tearing resistance.

SPECIFICATION

Capacity	0 to 8 N/ 0 to 16 N, 0 to 16 N/ 0 to 32 N, 0 to 32 N/ 0 to 64 N, 0 to 64 N/ 0 to 128 N (2 ranges)
Specimen	W63 ± 1 mm, L100 ± 2 mm
Slit Length	20 mm (Rest 43.0 ± 0.5 mm)
Chuck	W45 mm, D16.0 ± 0.5 mm, Spacing 2.8 ± 0.3 mm
Option	Digital Display Ver., Air Chuck
Dimensions/ Weight (Approx.)	W600 × D200 × H630 mm/ 30 kg

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