

Flammability Tester LFLC- A10



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Flammability Tester LFLC-A10 is a horizontal and vertical flame chamber with touch screen control panel, outdoor grade power coating technology, high texture and no discoloration. Equipped with explosion proof halogen lamp light source and exhaust system for proper functioning of flame chamber. Specific methane flow gas meter and adjustable flame angle in range of 0 to 45°. It is used in automobile manufacturing using CNC flame cutting machine that centers sample on 2 mm cold plate. This test circuit is in standardization with ISO 9772.3 and ASTM D635/3801/4804/4986 and is reliable, simple & easy to operate.

Feature

- Outdoor grade power coating technology
- Touch screen control system
- Adjustable flame height and stable flame burner in accordance with ASDM 5025
- U-pressure direct reading meter gauge
- Specific methane gas flow meter
- Features control components for safe and reliable operation
- Standard 180 W exhaust fan
- Anodized aluminum clamp
- 5 mm armoured glass viewing window
- Chrome designed transmit mechanism with linear axis bearing drive

Application

Suitable for research, production and quality inspection in automobile industries, combustible materials industries and electrical industries.

Specification

Model no.	LFLC-A10
Control system	LCD touch screen display
Burner height	50 mm
Flame angle	0 to 45° (adjustable)
Flame height	15 to 175 mm/min (adjustable)
Gas supply	Methane
Gas flowmeter	20 to 200 ml/min (adjustable)
Gas press	50 to 200 mm
Burn time	0 to 99.99 s (adjustable)
Cabinet capacity	0.8 cubic meter with glass watch door
Interior lamp source	Explosion proof halogen lamp 40 W
After flame time	0.1 s to 99.99 s (adjustable)
Sample vertical moving distance	450 mm
Sample horizontal moving distance	180 mm
Test precision	0.01 s
Internal dimension (W × D × H)	1200 × 600 × 1500 mm
External dimension (W × D × H)	1200 × 600 × 1120 mm
Packaging dimension (W × D × H)	1240 X 750 X 1600 mm
Power supply	AC 220 V, 500 W
Net Weight	125 kg
Gross Weight	165 kg

Standard Accessories

Accessories no.	Accessories name
1.	HB (ASTM D635, ISO 1210): Horizontal burning test and test fixture
2.	V-0-1-2 (ASTM D 3801, IEC 60695-11-10): 50 W (20 mm) vertical burning test and test fixture
3.	Flame height gauge

Optional accessories

Accessories no.	Accessories name
1.	5 VA/5VB (ASTM D 5048, ISO 9772, IEC 60695-11-20): 500 W (125 mm) vertical burning test and test fixture
2.	HBF / HF 1-2 (ASTM D 4986): horizontal burning foamed material test and test fixture
3.	Thermocouple and temperature calibration device
4.	Medical absorbent cotton