Horizontal and Vertical Burning Tester (AUTO-SP)

1.Overview:

When there is a fire around the products, should ensure that it will not to cause the spread of the fire, horizontal-vertical burning test simulates electronic products around the environment in the early condition, using the simulation technology to assess the fire risk. The test equipment apply to the electrical and electronic product components of household appliances, spare parts and components, such as: household appliances insulation shell, Panel switches, printed circuit boards and insulation materials and so on.

2.Characteristics:

Horizontal-vertical flame chamber tester is composed by the test part and control part, using the integrated design, to facilitate the installation at the scene and debug. The shell of the test chamber and the important parts are all manufactured by stainless steel, resistant cigarettes and gas corrosion. The automatic degree of control system is high. Has automatic ignition, the products which were tested in both vertical and horizontal orientation has the function automatically follow flame in the cross of the test. Time and temperature figures show, so that the observation and records is facilitate and the use of it is stable and reliable.

3.Technical Parameters:

Kinds	500W(5V class)	50W(HB/V class)
Test Flame	500W(burning test for V-0,V-1,V-2 classification)	50W(burning test for V-0,V-1,V-2 classification)
Burner Tube	Internal diameter: Φ 9.5mm±0.3mm	Internal diameter: Φ 9.5mm±0.3mm,
Burning Angle	0°,20°,45°	0°,20°,45°
Thermocouple	Type K (Ni/Cr - Ni/Al)	Type K (Ni/Cr - Ni/Al)
Thermocouple Size	0.5 mm	0.5 mm
Standard Copper Block	Φ9mm±0.01mm,weight:10g±0.05g before drilling.	Φ5.5mm±0.01mm, weight.:.76g±0.01g before drilling.
Time for Temperature to Increase	From 100°C±5°C to 700°C±3°C; 54s±2s (preset)	From 100°C±5°C to 700°C±3°C;44s±2s (preset)
Gas Flow	965±32ml/min	105±10ml/min
Gas Supply	methane,min.98% purity	methane,min.98% purity
water-column	125m±5mm	‹10mm
Test Time	54±2s	44±2s
Flame Height Indicator	40±1mm	20±1mm
Volume Of Chamber	>0.5m³, black interior	>0.5m³, black interior
Conform to standard	UL94,IEC60695-11-3,IEC60695-11-20	
Service	AC220V±10%/50Hz.(Other power specifications can be customized	
Display panel language	All English	