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Related Applications




HID Lamp Test Solutions



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LEDs and Luminaire Test Solutions

Related Technical Articles

- [Needle flame and horizontalvertical flame test difference](#)
- [The main differences between the LED driver standards ANSI / UL8750 and EN / IEC 61347-2-13](#)
- [CE-LVD Low Voltage Directive Overview](#)
- [IEC60598 General Requirements and Testing](#)
- [LISUN Moves to New Office](#)

Related Successful Case

- [Columbia – Installation and training for electrical safety tester, glow wire, needle flame, tracking chamber, horizontal vertical flame apparatus](#)
- [Algeria – National Lab Ordered Whole LED Lighting Test Systems from Lisun Group](#)
- [Malaysia and Indonesia – Training for integrating sphere and goniophotometer systems](#)



Needle Flame Test

Product No: ZY-3

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- Description
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According to [IEC60695-2-2](#) and IEC60695-11-5, [GB/T-5169.5](#), ZY-3/ZY-3S needle flame test equipment is applied in the production and quality control department of lighting products, hyperpiesia electrical apparatus, domestic appliance, machine electric appliance, electrical machine, power tool, electronic instrument, electrician instrument and technical equipment. Also, the apparatus is fit for the industry of insulation material, engineering plastics and solid combustible material.

Specifications:

- Angle of burner: incline with 45° (when in test) / plumb (when adjust the flame' s height)
- Needle flame burning time: 0~999.9s±0.1s adjustable (30s in general)
- Sample burning time: 0~999.9s±0.1s, auto mark and pause manually
- Height of flame: 12mm±1mm (gauge is included)
- Burning air: 95% butagas
- Test range of temperature: 0~1000℃
- Requirement of flame' s temperature: the temperature rises from 100℃±2℃ to 700℃±3℃ within 23.5 seconds±1s
- Temperature testing thermocouple: Φ0.5mm K pattern thermocouple
- Applied with touch screen and remote control

To save the delivery cost for the oversea market, LISUN designed a compact version needle flame test equipment which gross weight is less than 50kg. (Customer need to prepare additional ventilation system for ZY-3S)

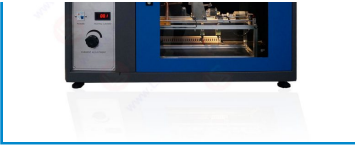


ZY-3S Needle Flame Test (Compact Version)

Related Products



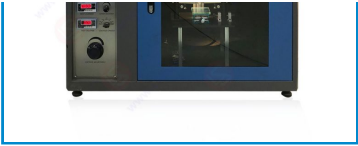
HCAI-2 High Current Arc Ignition
Test System



ZRS-3H Glow-wire Test Apparatus



HVR-LS Horizontal Vertical Flame
Tester



TTC-1 Tracking Test Chamber

