

SH5704T HORIZONTAL/VERTICAL PLASTIC FLAMMABILITY TESTER



1. MODEL NO.

SH5704T

2. APPLICATION

This tester is suitable to determine the flammability property of plastics. And this tester simulates the products around fire to assess fire risk during real use.

3. STANDARDS

STANDARDS
GB 2408, 5169.16
IEC 60695-11-10
ISO 1210

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

4. FEATURES

- Special intergraded designing of horizontal and vertical flammability tester, convenience for installation and adjustment;
- Tester chamber outer shell and important parts use stainless steel, endurable for smoke and gas corrosion;
- High degree of automation control system, with automatic igniting function, and auto-following flame function for tested specimen at horizontal and vertical directions;
- Temperature and time are auto-displayed by digital LED panel, stable and convenience for recording test result;
- Can use coal gas or liquefied petroleum gas as gas sources;
- Equipped with glass window for easily observing testing status;
- Equipped with temperature detecting system, including temperature copper block and high quality K-type thermocouple;
- Equipped with flame height ruler and digital timer with accuracy 0.01s, record the time of temperature increasing of copper block from 100℃ to 700℃ automatically;
- Record afterglow time during horizontal testing;
- Motor drives melting or dripped material on moveable plane away from vertical specimen 150mm, and record afterglow and after flame time automatically;
- Equipped with single meter and pressure regulator (automatic igniter) .

5. KEY SPECIFICATION

Test method	Horizontal burning and vertical burning
burning chamber volume	0.5m ³
Burner	With inner diameter 9.5±0.3mm, length 100mm
Flame height	20~175mm adjustable
Flame imposing time	0~99min99s adjustable
Holding burning time	0~99min99s adjustable
Angle of horizontal test	45±2° between transverse axis of horizontal test clamp end and horizontal plane
	45° between blowlamp and horizontal plane
Dimension	1200×600×1500 (L×W×H)
Power supply	220V 50Hz
Weight	40kg



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.
DOWELL SCIENCE AND TECHNOLOGY (HK) CO., LTD.

ADD: Tianyuan Road 9#, High-tech Zone, Hefei City, China Postal Code: 230088

TEL: +86-551-65232508

FAX: +86-551-65232507

Email: sales@hkdowell.com

Website: <http://www.fyichina.com.cn>

6. STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine	1 set
2	Soft sample supporting frame	1pcs
3	Specimen clamp	1pcs