

Product Description

Needle Flame Flame Retardant Performance Testing Machine Needle Flame Test Equipment



Summary:

This product according to be used in electronic, electrical products due to fault conditions, such as flow through the leakage path of the fault current, components or parts of the overheating, poor contact, etc. may cause the flame, it may be shot to the nearby parts, this test is to simulate the product inside the fault conditions produced by the small flame, with the simulation technology to assess the risk of catching fire. For small parts (or components) burning wire test or horizontal-vertical combustion test method is not suitable, can refer to the needle flame test method. If the sample ignites during the burning wire test, the resulting combustion hazard situation also requires the needle flame test. It is suitable for electronic and electrical products, components and parts of household appliances, such as: terminal boards, centrifugal switches, rice cooker

Standards:

Reference standard: IEC884-1, GB2099.1, VDE, IEC335, GB4706.1, GB5169.5, UL1694.

specifications:

- (1) box volume: ≥ 0.5 cubic metres, with glass observation door
- (2) Fuel: Butane gas Butane
- (3) Burner specifications: length 35mm or more, inner diameter $\varnothing 0.5\text{mm} \pm 0.1\text{mm}$, outer diameter does not exceed $\varnothing 0.9\text{mm}$
- (4) Flame height: $12\text{mm} \pm 1\text{mm}$ adjustable
- (5) Flame temperature: $100\text{ }^{\circ}\text{C}$ rise to $700\text{ }^{\circ}\text{C}$ in $23.5 \pm 1\text{ S}$ time

(6) Timer: 0 ~ 99 minutes 99 seconds range adjustable, combustion time can be set, combustion duration can be recorded

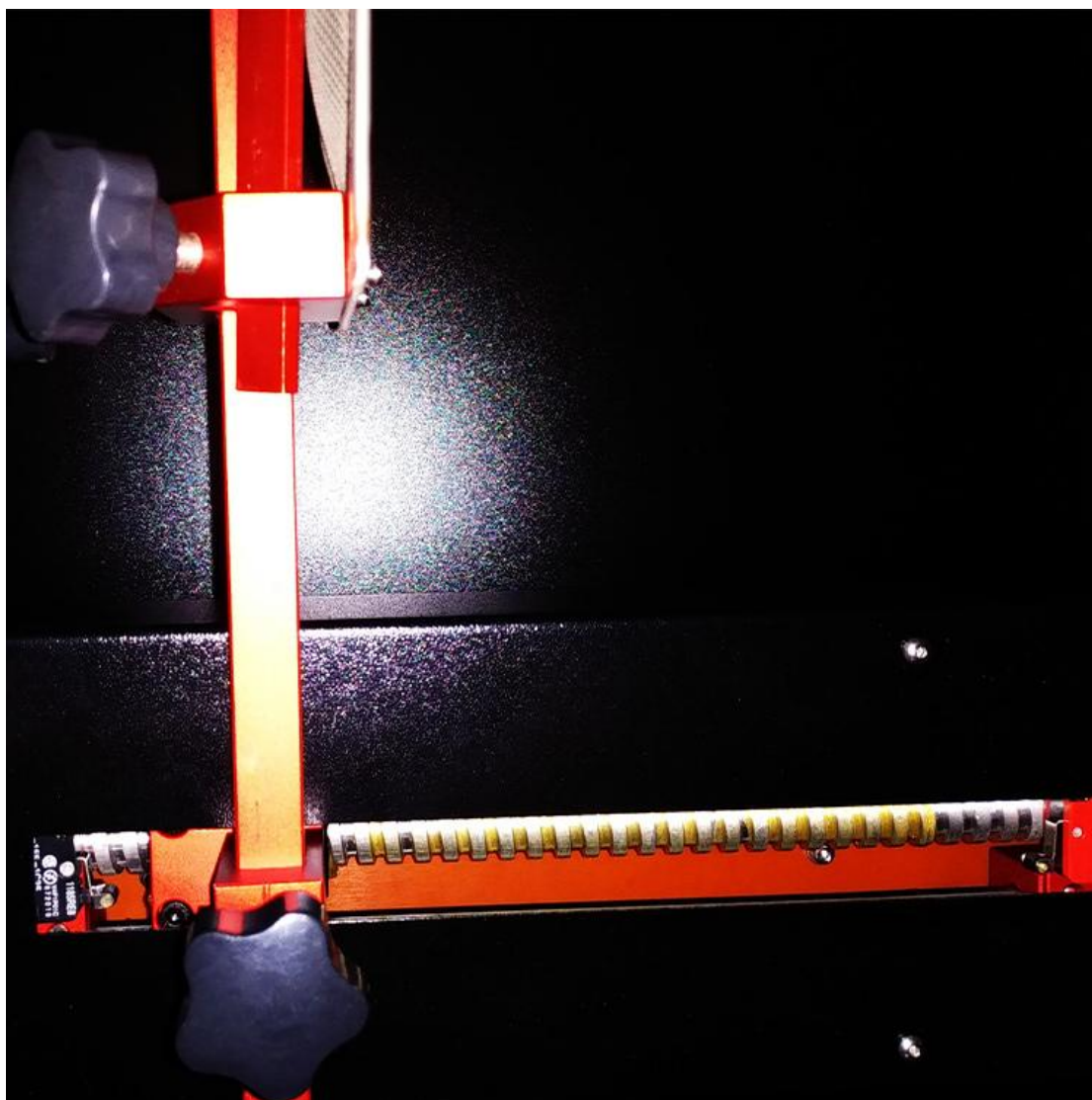
(7) safety devices: the machine is equipped with gas leakage alarm device, when the gas concentration exceeds the normal value, the alarm device issued a sound and light alarm, cut off the gas supply and start the exhaust system will be discharged inside the test box until the box air quality to return to normal values

(8) Product features: the tester combustion box using electrostatic spray paint, beautiful shape, smoke, gas corrosion resistance. Time digital display, fixture three-dimensional adjustable, control system automation, independent air extraction, observation and recording easy to use, stable and reliable.

(9) Power supply: AC220V / 50Hz

Spefications:

Model	NG-520
Keyword	needle flame tester
Temperature range	500-1000°C $\pm 2^{\circ}\text{C}$ continus adjustable
Glow wire	diameter 4mm $\pm 0.04\text{mm}$ Ni/Cr(80/20), standard
Searing Time	30s $\pm 0.1\text{s}$
Light-off Time	0-999.9 s $\pm 0.1\text{ s}$
Fireouttime	0-999.9 s $\pm 0.1\text{ s}$
Ironing into depth	7mm $\pm 0.5\text{ mm}$
Test speed	18 $\pm 3\text{mm/s}$
Test background	black background



Test chamber

Test chamber related products

Anti-Explosion type
Temperature Humidity Tester



NG-CJ Hot and Cold
Impact Test Chamber



NG-CY Ozone Resistance
Aging Test Chamber



NG-SC IP56
Sand Dust Resistance Test Chamber



NG-TH Constant
Temperature & Humidity Test Chamber



NG-XD Arc Xenon Lamp
Weathering Test Chamber



NG-ZYD QUV Accelerated
Aging Test Chamber



Rapid Temperature
Change Test Chamber



Walk-In Temperature
Humidity Test Chamber



High Temperature Drying Oven



NG-HB150
Anti-Yellowing Aging Test Chamber



IPX12 IPX34
Water Proof Test Chamber



Our Services

OUR SERVICE



- **Unbeatable prices**, we are constantly trying to find ways to reduce our production costs and give you through price!
- Strong brand awareness, our company is gradually building our brand, for which we will seriously treat every customer, and ensure the quality of each product.
- Special Offers In order to maintain our competitive edge, **we are constantly running special offers on our promotion tester machine, consumer goods, and design services**. Contact our sales team to see how we can help you save a lot of money.

OUR SERVICES

- **One year Warranty** including free maintenance and changing Instrument components
- We will offer operation video, English operation manual ,life-long technical assistance and video teaching
- **Future testing solutions consultation and laboratory free test**, you can send samples to us, and we can test it for you



Company Information

ABOUT US



NEWGOER though 20 years of continuous development, our company has established the main products line of Universal strength testing machines for tension, compression, flexure, and shear etc. Environmental testing chambers and Cell phone, Computer and 3C Electronics testing machines, Package and paper test equipment, Plastic and Rubber Test Equipment, Leather and Shoes Testing Machine and so on! Our equipment is used in over 80 countries worldwide and supported by a network of offices and approved agencies. Our products are used in all industries and educational sectors and we have an enviable reputation for innovation, quality product and excellent customer support !

Our Factory





PRODUCTION LOGISTICS



1.Design



2.Production
Material



3.Accessories
Processing



4.Product Assembly



5.Product Debugging



6.Packaging &
Shipping

Certification



Packaging & Shipping

PACKAGING LOGISTICS



We have professional packing teams and shipping forwarder to pack and deliver your products!

Packing:

1. Out packing: Standard export wooden case.
2. Inner packing: With careful stretch film wrap product, hard wood board+ strong bandage to fix corners.
3. Checking teams: Specialized staff to inspect and classified your goods.

Shipping:

You can specify other shipping methods such as Airmail, FEDEX or DHL. We shall let you know about the shipping cost after receipt of your order. It's more preferable for you to provide us with your own FEDEX/DHL account number so that the delivery charge can be charged directly from your account.

FAQ

1.Are your company a trading one or a factory ?

Factory + trade (integration), 20 years focusing on test instruments field, 6 years exporting experience.

OEM is also acceptable for us.

2.How to choose the most suitable products?

Our professional team will give you the best suggestion as long as you tell us what kind of test you need to do and the required specification.

3.What's the delivery term?

At most of time, we have stock in the factory. If there is no stock, normally, the delivery time is 15-20 working days after deposit receipt. If you are in urgent need, we can consider making special arrangement for you.

4.Do you accept customization service?

Yes, of course, we can not only offer standard machines, but also customized machines according to your request. Don't hesitate to tell us your requirement, we will try our best to meet your needs.

5.Can we visit your factory before order?

Yes, we warmly welcome and sincerely invite you or your team to visit our factory, we will help to arrange hotel and pick up you from airport.

Our Customers

OUR CUSTOMERS



Contact Us

CONTACT US

Guangdong Newgoer Instrument Co., Ltd

Eva Huang

Tel: 0086-15549056845

QQ number: 407083013

Skype: eva17522

Wechat: 008615549056845

WhatsApp: 008615549056845

Website: www.newgoer.com

Send your inquiry details in the below, click "[Send](#)" Now !

[Click Here to Visit Our Store !](#)