



ABS-YW11 Integrated two-in-one smoke detector and heat detector tester

Product function overview

- Integrated two-in-one smoke detector and heat detector tester is a fire detector integrating smoke detector and heat detector. It can carry out a simulated test on the smoke detector and heat detector. It applies to the fire safety inspection, fire safety detection, fire safety maintenance, and fire safety engineering and so on.
- By the principle of detection based on electronic induction, when the top sensor of tester approaches the surrounding ceiling of the detector within 100mm, smoke or heat can be generated to achieve the purpose of the test.
- Electronic atomizing and fuming technology is specially adopted for fuming. The specially-designed environmental-friendly liquid for vaporization is free from soot and tobacco tar and will not cause secondary pollution on the detector.
- Electronic energy conversion technology is adopted to rapidly raise the temperature to the alarm threshold of temperature detector within a short time.

Instructions

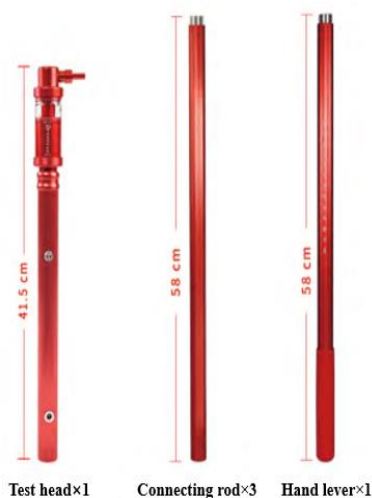


Weight	5.5kg	Standard Length	2.7m (Number of connecting rods can be increased)
Carton size (mm)	630×215×100	External material	Aluminum alloy or PE
Connecting rod length	580mm	Material of connecting rod	Anodized aeronautical aluminum



Tester model

1. Standard version



Test head×1

Connecting rod×3

Hand lever×1

Weight	3.5kg	Standard Length	2.7m (Number of connecting rods can be increased)
Carton size (mm)	635×230×120	External material	Aluminum alloy or PE
Connecting rod length	580mm	Material of connecting rod	Anodized aeronautical aluminum

2. Telescopic version



Test head×1

Telescopic rod×1

Weight	3.5kg	Standard Length	3.5m (Number of connecting rods can be increased)
Carton size (mm)	635×230×120	External material	Aluminum alloy or PE
Telescopic rod length	0.6~3.15m	Material of connecting rod	Carbon rod + aluminum alloy anti burst ring



3. Luxury version



Weight	5.0kg	Standard Length	4.8m (Number of connecting rods can be increased)
Carton size (mm)	645×205×120	External material	Aluminum alloy
Connecting rod length	580mm	Material of connecting rod	Anodized aeronautical aluminum
Telescopic rod length	0.6~3.15m	Telescopic rod material	Carbon rod + aluminum alloy anti burst ring

Operation

1. Charging: lug the dedicated power charger to the power port. After the device is fully charged, the charger indicator lights will change from red to green.
2. Absorb liquid for vaporization: Absorb a proper amount of liquid with the injector.
3. Disassembly of sealing screw: rotate and remove screw counterclockwise and seal it clockwise. See Drawing 1.
4. Injection of liquid for vaporization: Insert the needle of the injector into the opening and press 5~8 ml. See Drawing 2.



Drawing 1



Drawing 2

5. Observation port of liquid level: Observe the height of liquid with in the liquid level chamber. See Drawing 3
6. Connection: Select the number of connecting rods according to the height and rotate to connect the tester and connecting rods clockwise or dissemble counterclockwise.
7. Intelligent infrared detection: When the top sensor of the tester is close to the ceiling around the detector within 100mm, the instrument will work automatically and generate smoke or heat to achieve the test purpose.



When the top of the instrument is more than 100 mm away from the ceiling, the instrument will automatically stop working. See Drawing 4



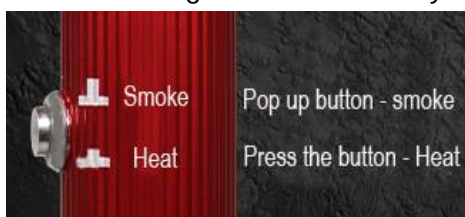
Drawing 3



Drawing 4

8. Function switch: See Drawing 5

- When testing the heat detector, press the button. When the heater and fan are in standby state, the temperature reaches the threshold in 3~5 seconds when the power is on. The distance from the nozzle is 20 mm, and the measured temperature is about 190°C.
- When testing the Smoke detector, pop up button. The fan and fuming fluid are in standby mode.



Drawing 5



Drawing 5

9. Air blowing: See Drawing 6

When the detector test is completed, press the Air blowing key, so that the residual test medium in the detector cavity can be blown out quickly so that the detector can be quickly reset.



Drawing 5



10. Battery stick: Drawing 6

The battery stick is equipped with two 18650 lithium batteries (3.6V/2200mAh), and has a safety protection function to prevent the battery from burning and exploding. A fully charged battery can detect 450 to 800 detectors.

Charge:

Insert the charger into the bottom charging port of the battery rod,
Charger red light: Charging process. Green: Charging is complete.



Drawing 5

11. One bottle of 100mL smoke agent (Atomized fuming fluid) can test about 5000 pcs of smoke detectors.

