



# Detector Test Device

## Features

- Applicable to the test for heat and smoke detectors.
- Extension pole is very flexible, it has five sections and could expand from 1.44m to 5m.
- With the movable function of test vessel, user can easily overcome the difficulty to reach the detector during test period.
- The enclosed igniter is generated by gas, its temperature is adjustable and used for heat detectors.
- The enclosed smoke tester can spray about 500 times for the test of smoke detectors.

## Operating Instructions

### ● Extension Pole

Pull out the first section and then hold top and bottom section with two hands, twist to lock (twist top to right, bottom to left). The length could be adjusted as needed. (twist the extended sections in vice versa after use)

### ● Test For Heat Detector

Light the igniter : (please refer to the diagram)

1. Take out the head cover. (cover is for protection purpose)
2. Filled up with gas (same as lighter's gas) from the bottom of igniter.
3. Move the gas switch to "ON" position.
4. Turn on the lighter at "A" zone until red light appears (blow out the flame if appears, this could extend the life of igniter and prevent the damage to detector).

Test steps :

1. Place the lighted igniter into bracket of test vessel.
2. Adjust the vessel until the tested detector is totally covered.
3. When the detector's confirmation LED lights up during test, user can take away the test device. (test period for rate of rise detector is about 5 seconds, fixed temperature detector is about 10 seconds)

**NOTE :** Keep a safe distance & test period between detector & lighted igniter to prevent the damage on detector.

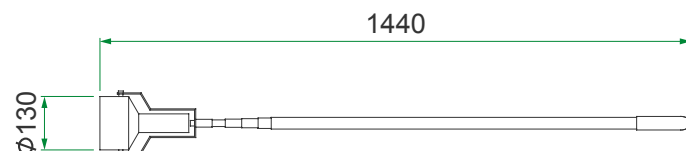
### ● Test for smoke detector

1. Take the bracket out.
2. Place the smoke tester into test vessel, then adjust the vessel until the tested detector is totally covered.
3. Push test device up 1~2 times (about 1sec per time) to allow the smoke tester sprays out particles and into the smoke detector's chamber (aerosol is composed of particle sizes comparable to those generated in the early stage of a fire). To avoid the particles be blew away by wind, please do not move the vessel and wait about 10 seconds for activation.
4. If the test device is not used, use smoke tester from a distance of 0.1 to 1.0m aim spray for 1~2 second at the vents of the detector. Alarm will sound within 1~20 seconds if the detector functions properly unless the detector has a built-in delay circuit. Detectors with delay circuits should be sprayed 1 or 2 additional times to activate the alarm.

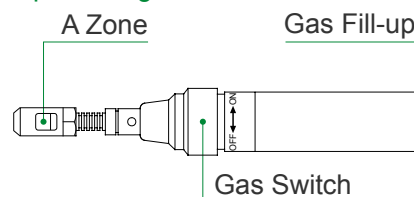
### WARNING :

1. Excessive spraying at close range may affect the detector's sensitivity.
2. **EXTREMELY FLAMMABLE.** Contents under pressure. Keep away from fire, heat or any source of ignition. Do not puncture or incinerate. Store below 50°C. Keep out of reach of children.
3. Do not spray into eyes or use while smoking.

Dimension of Test Device : mm



### Parts Description of Igniter



Approvals

**CNS**