



Fire detection and evacuation solutions that save lives.



# FireView – Detector Test Kit

## Manual

MAN3104-1

## 1 What's in the kit?



**CARRYING BAG**



**STANDARD INSPECTION POLE**



**CONTROLLER**



**CASE**



**CHARGER**



**POLE BELT**



**SMOKE OIL (100mL)**

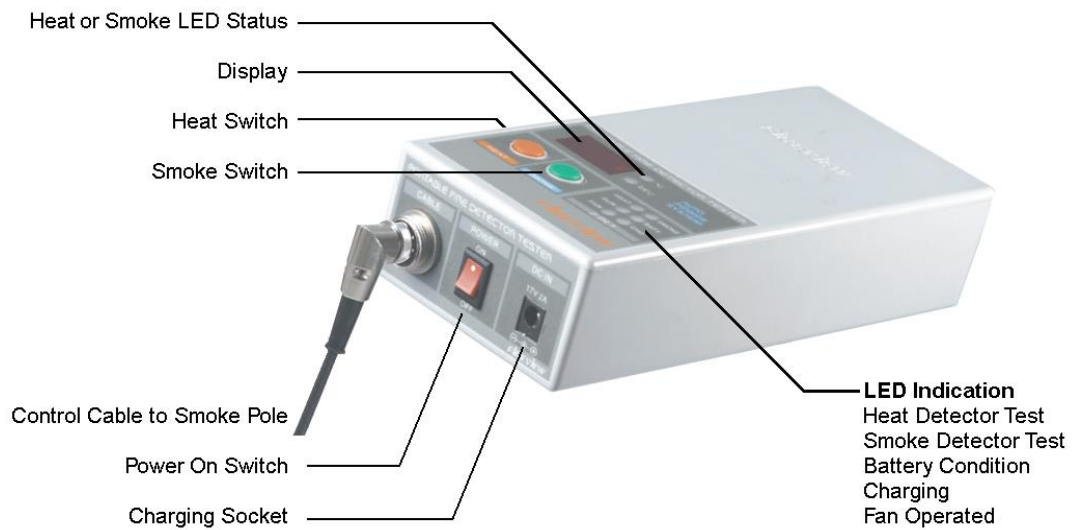
## 2 Ampac Product Item Numbers

- 4112-1006 Ampac FireView Fire Detector Test Kit
- 4112-1007 Smoke Oil (100mL bottle)
- 4112-1008 Extension Pole (6m)
- 4112-1009 Extension Pole (10m)

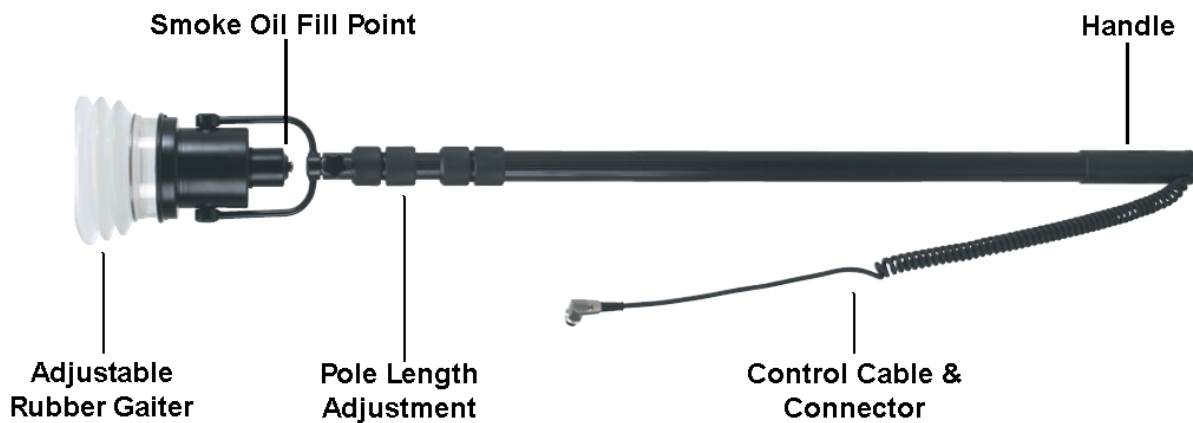
## 3 Specifications

Compatible Detector	Heat: Rate of Rise & Fixed Temperature Smoke: Ionisation & Optical Series 65, Orbis, XP95 & Discovery
Test Capability	200 Heats per charge 300 Smokes per 10mL fill (approx. 3000 per 100mL bottle)
Head Dimensions	150mm Ø
Inspection Pole Length	1.2m to 2.3m (optional extension pole available)
Weight	Pole:1.6kg Controller 0.6kg
Operating Temp.	0 - 40°C
Storage Temp.	-10°C to 50°C
Relative Humidity	0 to 85%, No frost
Battery	14.8Vdc LI-ION
Charging Time	Full Charge 5 Hours
Charger	Input:100-240Vac, 50-60Hz, 0.5A / Output:16.8Vdc 1A

## 4 Controller – Indication & Controls



## 5 Test Pole Components



## 6 Battery Charging



Before using the Ampac FireView fire detector test kit to test heat detectors, ensure that the controller is fully charged. The display will indicate the charge level when the controller is initially turned on using the Power On switch. A reading of 16.8V indicates that the controller is fully charged. The integral buzzer will sound and the display will indicate 'CH-' when the controller requires charging. During the charge process the Yellow LED will be lit, when fully charged the Green LED will be lit.

## 7 Smoke Oil Fill

Before using the Ampac FireView fire detector test kit to test smoke detectors, ensure that the unit is filled with the correct amount of smoke oil. To fill the unit:



1. Remove the wing nut from the smoke oil fill point
2. Inject 10 to 20mL of smoke oil, do not over fill as this will produce excessive amounts of smoke and lead to extended test times and fan usage.
3. Replace the wing nut ensuring that it tight.

## 8 User Instructions



1. Power up the controller using the 'Power On' switch. The battery voltage will be indicated on the display. Before using, ensure that battery capacity is sufficient to undertake testing requirements. The controller is in stand-by mode when displaying the battery voltage. Power will turn off automatically after 10 minute of inactivity.
2. Locate detector test head gaiter over the detector located on the ceiling, adjusting the length of the pole where required.
3. Press either the Heat or Smoke switch according to the detector type under test.
4. When testing Heat detectors, the temperature of the test will be indicated on the display.
5. When testing Smoke detectors, the reaction time can be observed using the display. Note: the reaction time is from the switch being pressed to the detector base LED being lit on the detector under test.
6. After the detector has operated, press the respective Heat or Smoke switch to stop the test, observing the reaction time if required.

## 9 Fan Control

The unit has a built in fan which can be used to expel smoke from the smoke detector following the activation test. To start the fan, press both the Smoke & Heat switches together.

The fan will operate for 30 seconds. Pressing the Smoke switch will also stop the fan.

## 10 Extended Heat Generation

When heat generation times need to be extended for fixed temperature detector testing, press the Smoke switch while generating heat to extend for approx. 2 minutes.

For fixed temperature detector testing, the controller needs extended time periods to inspect detectors over 70°C.

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### **UNCONTROLLED DOCUMENT**

NOTE: Due to AMPAC's commitment to continuous improvement specifications and information contained within this document may change without notice.