



Email : sales@laboratoryinstrumentindia.com

Product Name :
Fire Alarm Trainer

Product Code :
LBNY-0005-18800014



Description :

Fire Alarm Trainer activates the detector and sets off the alarm system. The case has an internal divider and separate heater lamps designed to raise the temperature within the enclosure above the detector limits. A two zone Fire Alarm Trainer control panel to Fire Alarm Trainer is mounted on the front of a glass reinforced plastic panel. One detector zone consists of a temperature detector and rate of rise temperature detector mounted in a fire retardant glass reinforced plastic case.

Apertures at the base of the box allow combustion products from a match or lighter or visible smoke from the generator supplied to be injected into the enclosure housing the two types of detector. The second detector circuit consists of a manual call point followed by an optical smoke detector and ionised particle detector mounted in a similar box to the heat detectors.

Technical Specification :

Experimental Capabilities:

The Fire Alarm Trainer enables the following exercises to be carried out.

Demonstration of internal fault detection of battery and mains supply failure.

Demonstration of internal detection of both shorted and electrically open detector circuits and open alarm circuits.

Investigation of the performance of both ionisation and visible smoke detector heads.

Examination of the components and essential wiring of a typical two zone detector circuit, dual alarm system designed

The detector and alarm components may be connected and commissioned to a control panel board as part of a complete kit or alternatively plugged into two connectors provided on the unit control panel.

The Alarm Wiring Kits allow vocational students to wire detector, alarm and control panel circuits using either

Low Smoke Zero Halogen fire resistant cable or the more common mineral insulated Copper Cable.



Laboratory Instrument India