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ADF Science

FDE-100A Dual Fire Detection Extinguishing System Training Set



Description

FDE-100A training set simulates a functional fire detection and extinguishing system. It incorporates the continuous loop and spot detectors with controls, indication and test circuits.

The extinguisher discharges shop air when the system is activated. The instructor can induce faults for the trainees to troubleshoot, providing hands-on experience in troubleshooting.

The trainer is installed on a movable frame, it can be positioned as needed. This set simulates the system with two fire extinguisher container.

Features

- Control Panel
 - Master Switch
 - Aural Warning System
 - Master Caution System
 - Engine 1, Engine 2 and APU Bottle and Fire indicators
 - Guarded Buttons For fire Bottle Discharge
 - System Test Switch
 - Cargo Smoke Indicators
 - Cargo Smoke Test Switch
 - Infrared Sensors Indicator
- Loop detector



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- Fenwall Detector
- Bottle Pressure Indicator
- Smoke Detection System
- Fire warning horn with latching horn-silencing relay switch-found
- Continuous-loop temperature sensor and control box
- All electrical wires marked with ATA codes
- The alarm system is the same as found in all single-engine through four-engine transports.

Specifications

- Delivered fully assembled, tested and ready to operate
- AC power 220 / 110 Volt required
- Dimensions : 200Lx140Wx110H cm
- User's Manual
- Students' Study Guide
- CBT (Computer Base Training)
- Wiring Diagrams
- Flow Schematics
- Components Diagrams
- Instructor's Teaching Resource