



ductchecker™

MANOMETER



Duct Checker is the ideal device for annual testing to ensure that the duct detector will sample the airstream properly, as required by NFPA 72, and according to manufacturer's instructions.

WHY DUCT CHECKER?

- Accepted test device for annual testing of pressure and air sampling ability of duct detectors
- Ideal for maintenance of fire and security alarm systems
- Meets: NFPA 72 Chapter 14 (14.4.2.2 14 g 1/6/5) CAN/ULC S536-04, 5. 7.4.4.1

KEY FEATURES

- Easy to use
- Portable, battery-operated device
- Includes hard case and sampling tube plugs

About Duct Checker

Duct Checker is the ideal device for annual testing to ensure that the duct detector will sample the differential pressure via the sampling tubes, as required by NFPA 72. According to NFPA Chapter 14, "duct smoke detectors utilizing sampling tubes shall be tested by verifying the correct pressure differential between the inlet and exhaust tubes using a method acceptable to the manufacturer to ensure that the device will properly sample the airstream." Duct Checker is manufacturer approved, easy to use, and ensures accurate results.



Product Features and Specifications

For use by specialized fire technicians



dB Checker Technical Information

Testing Capability	<ul style="list-style-type: none">Gauge pressure - a measurement of pressure that is referenced to ambient pressure.Differential pressure - a measurement of difference of two pressures
Safety Functions	Automatically shuts off after approx. 20 minutes
Display	LCD, one large (primary) top screen and one smaller right-bottom screen (relative Clock)
Units of Measure	The meter has five selectable units of measure: InH ₂ O, psi, mbar, bar, mmH ₂ O.
Power Source	One 9-volt battery
Operating Conditions	<ul style="list-style-type: none">Compensated temperature range: 0-50°C (32-122°F)Operating temperature range: 0-50°C (32-122°F)Storage temperature range: -20-60°C (-4-140°F)Operating Humidity Max. 80% RHExceeding maximum pressure will cause permanent sensor damage
Pressure Range	<ul style="list-style-type: none">0~ ±138mbar= 0~ ±55.4 in H₂O= 0~ ±1410 mm in H₂O= 0~ ±0.138 bar= 0~ ±2 psi
Accuracy	±3% of full scale at ±25°C
Response Time	0.5 seconds
Format	<ul style="list-style-type: none">Baud Rate: 2400 bit/secData Bit: 8, Stop Bit: 1P XXXXX, P - XXXXX (unit)

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