

XTR axis



OVERVIEW

XTR AXIS is a sensitivity tester designed around the needs of today's technicians.

By combining electronic smoke generation with real-time digital reporting, it helps complete testing faster, improve accuracy, and simplify documentation.

FEATURES

Faster, smarter testing

Complete sensitivity tests in as little as 3 minutes, helping reduce time on-site and increase productivity. The automatic capture of test results also offers a significant saving, reducing admin time and the eliminating the risk of input error.

Lightweight & ergonomic

Weighing just 4 lbs, XTR AXIS is designed for comfortable, all-day use, helping reduce fatigue during extended testing across large facilities. With no separate control unit or processor required, setup is fast and straightforward. Rugged and durable, it's built to handle the challenges of the job site.

Flexible access

An adjustable head makes it easy to test ceiling-mounted, wall-mounted, and angled detectors – ensuring more smoke detectors can be tested, regardless of where and how they are installed.

Instant Digital Reporting

Seamlessly connect via Bluetooth to the DT Connect app to automatically capture results and generate comprehensive, ready-to-share reports.

Aerosol-Free Technology

Electronic smoke cartridges replace pressurized aerosol cans, eliminating shipping and regulatory limitations. Non-hazardous, non-flammable, and non-combustible, they are easy to transport, while built-in consumable tracking lets technicians quickly monitor cartridge status.

Name: XTR AXIS

SKU: XTR-AXIS-024

Short Description

Electronic Smoke Detector
Sensitivity Tester



CONTACT

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Consumables

XES3-3PACK-024	XTR AXIS Smoke Cartridges x 3
XES3-6PACK-024	XTR AXIS Smoke Cartridges x6
TESTIFIRE-GEN-1PK-024	XTR Series Smoke Generator
TESTIFIRE-BP-024	XTR Series Lithium-Ion Battery Pack

Accessories

XTR-AXIS-CASE-024	XTR AXIS Hard Case
XTR-CLMP-024	XTR Height Clamp Assembly
XTR-AXIS-MEML-024	XTR AXIS Large Membrane
XTR-CLTH-024	XTR Cleaning Cloth

Spares

XTR-AXIS-MEM-024	XTR AXIS Membrane
TESTIFIRE-CHA-024	XTR Battery Charge Cradle
TESTIFIRE-CHAK-024	XTR Charging Kit
TESTIFIRE-USBC-024	XTR Charging Cable (USB-C to USB-C)
TESTIFIRE-WPSU-024	XTR Power Adapter

TECHNICAL DATA

Test modes: - Smoke Sensitivity: Used to carry out a fast quantitative check. XTR AXIS increases the smoke concentration from 0%/ft to 6%/ft at a rate of 1%/ft per minute. The test will automatically timeout at 6%/ft if the detector alarm has not been activated. - Smoke Functional: Smoke is released into the XTR AXIS cup, and the test ends when the detector activates. - Clearing Mode: Air is blown around the detector – clearing any lingering smoke via the vent in the cup.	Operating temperature range: Unit: +10°C to 35°C (+41°F to 113°F) Charger Cradle: +5°C to 40°C (+41°F to 104°F)
	Operating humidity range: 0 to 85% RH non-condensing
Suitable detector types: - Optical / photoelectric smoke detectors. - Multi-sensors or multi-criteria detectors. - Conventional, addressable, or analog addressable detectors of any of the above types.	Storage temperature range: -10°C to 50°C (+14°F to 122°F) NOTE: DO NOT store generator, cartridge or battery in unit for a long period of time in temperatures exceeding 50°C / 122°F
Operating features - Electronic smoke stimulus - Automatic smoke clearing function - Optical sensors to automatically capture detector LED alarm status - TFT-LCD full color touch screen - Color LED user feedback up to 29ft visual distance - Automatic light in dark environment - Adjustable multi-position head	Storage humidity range: 0 to 90% RH non-condensing (up to +35°C/95°F)
Power source Lithium-Ion battery pack nominal 10.8v 35.1wh/3250mah, with USB-C connection to charging cradle	Maximum operating altitude: 2,000 m (6,562 ft)
Battery charging time: 50% charge 73.4°F: Less than 1 hour - Fully charged: 41°F = 3 hours 73.4°F = 2 hours 104°F = 3 hours	Weight (Including battery, generator & cartridge): Head unit weight (including battery, generator & cartridge): 1.8kg/4lbs Total packaged weight (including battery, generator & cartridge, with hard case): 10.6kg/23lbs
Power consumption: Dependent on mode of use: Smoke testing: <0.5A rms N.B. Power consumption refers only to the duration of the actual test and may vary considerably due to internal control algorithms.	Dimensions H x W(widest) x D: - Including handle: 19.5 × 8.3 × 7.9 in (495 × 210 × 200 mm) - Excluding handle: 19.1 × 8.3 × 7.9 in (484 × 210 × 200 mm)
Approvals UL268C	WEEE Weight: 1.52kg/3.35lbs
	Hard case dimensions (pack) H x W x D 23.4 × 18.6 × 10.6 in (594 × 473 × 270 mm)
	Outer carton dimensions (head unit only) H x W x D 8.3 × 20.2 × 8.7 in (212 × 512 × 222 mm)