

BIOSYSTEMS

MIGHTY-TOX



The Mighty-Tox Disposable Single-Sensor H₂S Gas Detector

The **Mighty-Tox** from **Biosystems** is an inexpensive, super-rugged, single-sensor, disposable gas detector for the detection of hydrogen sulfide (H₂S). Once the unit is activated, it monitors continuously for the presence of H₂S for a full 90-days. A built-in test button lets you verify the unit is operating properly. As the instrument

reaches the end of its operational life, a low-battery alarm begins to sound once per minute for the last seven days of operation. After the **Mighty-Tox** has reached its end of service life, simply throw it away.

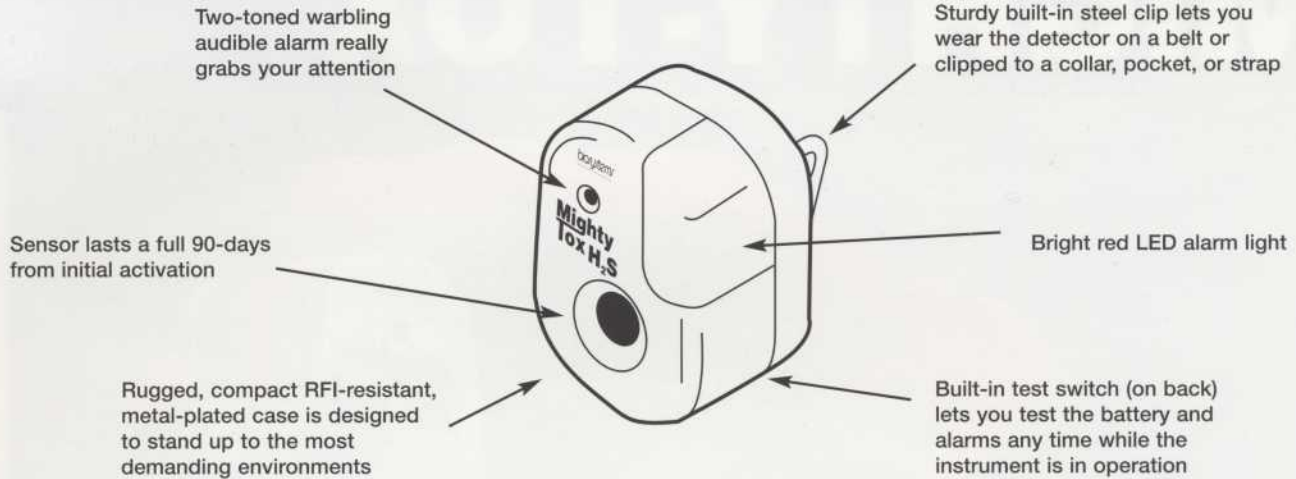
The **Mighty-Tox** is housed in a rugged, compact, RFI-resistant, metal-plated case

designed to stand up to the most demanding environments. The entire instrument weighs less than 1 ounce (25g). The **Mighty-Tox** features a loud, two-tone audible alarm and bright-red LED alarm light. A strong steel clip allows the detector to be worn on a belt, or clipped to a collar, pocket, or strap.

The **Mighty-Tox** is perfect for shut-downs, planned maintenance, and many other short term monitoring applications. It's just the insurance you need that conditions are safe from H₂S contamination.

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THE MIGHTY-TOX DISPOSABLE SINGLE-SENSOR H₂S GAS DETECTOR



TECHNICAL SPECIFICATIONS

Dimensions	1½" (3.75 cm) x 1½" (2.8 cm) x ¾" (2.2cm)
Weight	1 oz. (25g)
Alarms	Two factory-set alarm levels (10 and 20 ppm H ₂ S)
Audible alarm	Loud warbling two-toned alarm
Visual alarm	Bright red LED alarm light
Security Flash	LED flashes once per minute to verify instrument operation
Controls	Test-switch used to verify battery and alarm function
Housing	Nickel-metal plated, RFI resistant ABS
Clip	Built-in steel clip
Operational life	90-days from initial activation
Shelf life	Up to 6-months (without loss of full 90-days of operational life)
End of service warning	Low-battery alarm begins sounding once per minute for last 7-days of operation
Intrinsic Safety	c-UL-us® Classified for Class I, Division 1, Groups A, B, C, & D hazardous locations.
Standard accessories	Built-in clip, bump-test adapter (used to flow test gas to sensor), and operator's guide

ORDERING INFORMATION

Each Mighty-Tox is shipped complete with built-in steel clip, bump-test adapter, and operator's guide.

Part Number	Description
54-28-02	Individual Mighty-Tox detector for H ₂ S
54-28-02-06	Mighty-Tox detector for H ₂ S, 6-Pack
54-28-02-12	Mighty-Tox detector for H ₂ S, 12-Pack



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