**TOPTES Guard-101 & PT760**

# TOPTES Guard-101 Multi-Gas Monitor & PT760 Combustible Gas Detector Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your TOPTES Guard-101 Multi-Gas Monitor and PT760 Combustible Gas Detector. Please read this manual thoroughly before using the devices and retain it for future reference.

The **Guard-101 Multi-Gas Monitor** is designed for rapid detection of Hydrogen Sulfide (H2S), Carbon Monoxide (CO), Lower Explosive Limit (LEL) of combustible gases, and Oxygen (O2). It is suitable for various environments, including industrial, agricultural, emergency, and home use.

The **PT760 Rechargeable Gas Detector** specializes in detecting a wide range of combustible gases such as LPG, methane, and propane, making it essential for gas equipment maintenance and leak detection in tight spaces.

## 2. SAFETY INFORMATION

- Always operate the devices in accordance with this manual.
- Ensure the devices are calibrated and functioning correctly before each use.
- Do not expose the devices to extreme temperatures or humidity beyond specified operating conditions.
- Avoid dropping or subjecting the devices to severe impact.
- Keep the devices away from strong electromagnetic fields.
- In case of an alarm, follow established safety protocols for the detected gas.
- Do not attempt to repair or modify the devices yourself. Refer to qualified personnel for service.

## 3. PRODUCT OVERVIEW

### 3.1 TOPTES Guard-101 Multi-Gas Monitor

The Guard-101 is a robust multi-gas monitor designed for comprehensive safety. It features rapid detection of H2S, CO, LEL, and O2, with triple alarm systems (visual LED, vibration, and audible sound) for immediate hazard notification. Its construction from high-strength ABS ensures waterproof, dustproof, and explosion-proof protection. A convenient back clip

and password protection enhance usability and security.



Image: TOPTES Guard-101 Multi-Gas Monitor, highlighting its ability to monitor four gases simultaneously with rapid response.

*Image: The Guard-101 with its back clip, showcasing its waterproof, dustproof, and explosion-proof features for easy portability.*

## 3.2 TOPTES PT760 Rechargeable Gas Detector

The PT760 is a specialized combustible gas detector featuring an efficient Type-C charging port and a 12-inch stainless steel telescopic probe for accessing tight spaces. It detects LPG, methane, propane, and other combustible gases, providing immediate audible and visual alarms with precise %LEL readings. Its ergonomic design, built-in flashlight, and automatic power-off function ensure user-friendly operation and battery conservation.

Image: TOPTES PT760 Gas Detector, illustrating its flexible probe for reaching difficult areas.

Video: Official product video demonstrating the features and usage of the TOPTES PT760 Gas Leak Detector.

## 4. SETUP

### 4.1 Guard-101 Multi-Gas Monitor

Before first use, ensure the Guard-101 is fully charged. Connect the charging cable to the device's Type-C port and a suitable power source. The device has a long battery life of up to 14 hours for extended monitoring.



**0.5**s
**Quick Response**

**10⁺ Gases**

Accurately detects over a dozen combustible gases, including natural gas, propane, methane, butane, gasoline, and more.

*Image: The Guard-101 highlighting its 14-hour battery life and 2000mAh capacity.*

## 4.2 PT760 Rechargeable Gas Detector

Charge the PT760 via its Type-C port using the provided USB-C charging cable. The device features an automatic power-off function to conserve battery life when not in use. Allow the device to warm up for approximately 30 seconds in clean air before use to ensure accurate readings.

*Image: The PT760 connected for Type-C recharging, emphasizing its stable power supply and energy-saving design.*

## 5. OPERATING INSTRUCTIONS

### 5.1 Guard-101 Multi-Gas Monitor

1. **Power On:** Press and hold the power button until the device turns on.
2. **Gas Detection:** The device will automatically begin monitoring H2S, CO, LEL, and O2 levels. Readings will be

displayed on the screen.

3. **Alarm System:** In case of detected hazards, the device will activate triple alarms: visual LED lights, vibration, and an audible sound.

4. **Alarm Data:** The Guard-101 automatically records alarm data for later review, providing a history of detected incidents.



*Image: The Guard-101 showing its auto-record alarm data feature and three types of alarms: visual, audible, and tactile.*

## 5.2 PT760 Rechargeable Gas Detector

1. **Power On:** Press and hold the power button. Allow the device to warm up for approximately 30 seconds in a clean air environment.
2. **Extend Probe:** Extend the 12-inch telescopic probe to reach desired inspection areas, especially in tight or hard-to-reach spots.
3. **Gas Detection:** Move the probe slowly around areas where a gas leak is suspected. The device provides a 0.5-second quick response for over 10 types of combustible gases.
4. **Readings & Alarms:** The screen will display precise %LEL readings. Upon detecting a leak, the device will provide immediate visual (red screen) and audible alarms. An ergonomic grip and built-in flashlight aid in use in various conditions.

⇄ **Expandable Rod**

# 12
## inches

Flexible for all situations & Compact to storage.

*Image: The PT760's 12-inch expandable rod, designed for flexibility and compact storage.*

# Type-C
# Rechargeable

## Stable Power Supply & Energy-Saving



**\* Comes with Type-C charging cable**

*Image: The PT760 demonstrating its 0.5-second quick response and ability to detect over 10 types of combustible gases.*

*Image: The PT760 showing its visual and audible alarm indicators with LEL percentage readings.*

## 6. MAINTENANCE

- Keep both devices clean hend free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the devices in their provided cases when not in use to protect them from damage.
- Regularly check battery levels and recharge the PT760 as needed. The Guard-101's long battery life reduces

frequent charging needs.

- Avoid exposing the sensors to harsh chemicals or liquids.

## 7. TROUBLESHOOTING

- **Device not powering on:** Ensure batteries are correctly inserted and charged. For PT760, check Type-C connection.
- **Inaccurate readings:** Ensure the device has completed its warm-up period in clean air. Check for any obstructions around the sensor.
- **No alarm activation:** Verify that alarm settings are enabled and volume is adjusted appropriately.
- **Device unresponsive:** Try restarting the device. If the issue persists, contact customer support.

## 8. SPECIFICATIONS

| Feature | TOPTES Guard-101 Multi-Gas Monitor | TOPTES PT760 Combustible Gas Detector |
|---|---|---|
| Gas Detection | H2S, CO, LEL, O2 | LPG, Methane, Propane, Natural Gas, etc. (10+ types) |
| Alarm System | Visual LED, Vibration, Audible Sound | Visual (Red Screen), Audible |
| Probe | N/A | 12-inch Stainless Steel Telescopic Probe |
| Response Time | Within 30 seconds | 0.5 seconds |
| Battery Life | Up to 14 hours (2000mAh) | Efficient Type-C charging, Auto Power-Off |
| Construction | High-strength ABS, Waterproof, Dustproof, Explosion-proof | Ergonomic design |
| Additional Features | Back clip, Password protection, Auto record alarm data | Built-in flashlight, %LEL display (1%LEL to 20%LEL) |

## 9. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your product packaging or visit the official TOPTES website. Keep your purchase receipt as proof of purchase for warranty claims.