

## Wintact WT8811

# Wintact 4 in 1 Gas Leak Detector WT8811 User Manual

Brand: Wintact | Model: WT8811

## 1. INTRODUCTION AND OVERVIEW

The Wintact WT8811 is a versatile 4-in-1 gas leak detector designed for monitoring multiple gases to ensure safety in various environments. This device provides precise measurements for combustible gases, oxygen, hydrogen sulfide, and carbon monoxide, making it an essential tool for home, RV, sewer, and basement applications.

Its robust design and comprehensive features offer reliable gas detection and alerting capabilities, contributing to a safer environment for users.





Figure 1: Wintact WT8811 4-in-1 Gas Leak Detector. This image shows the front view of the device, highlighting its display screen and control buttons.

## 2. SAFETY INFORMATION

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Before operating the Wintact WT8811, please read this manual thoroughly to understand its functions and safety precautions. Failure to follow instructions may result in inaccurate readings, device damage, or personal injury.

### Important Safety Guidelines:

- Always allow a **20-second warm-up time** before using the detector to ensure accurate readings.
- Do not expose the device to extreme temperatures or humidity beyond its specified operating conditions (-4°F to 122°F, <95%RH).
- Ensure the device is fully charged before critical use to avoid interruptions.
- Perform regular calibration as recommended to maintain accuracy.
- Do not attempt to disassemble or modify the device, as this may void the warranty and pose safety risks.
- Store the device in its hard shell carry case when not in use to protect it from damage.

### 3. PACKAGE CONTENTS

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Verify that all items listed below are present in your package:

- 1x Wintact WT8811 Gas Leak Detector
- 1x Battery Charger
- 1x USB Cable
- 1x User Manual
- 1x Hard Shell Carry Case
- 1x Gas Calibration Cap
- 1x Transparent Gas Tube

## What's Included in the Box?



- |                                    |                                  |
|------------------------------------|----------------------------------|
| <b>1</b> 1x Composite Gas Detector | <b>5</b> 1x Instruction Manual   |
| <b>2</b> 1x Gas Calibration Cap    | <b>6</b> 1x Transparent Gas Tube |
| <b>3</b> 1x Charger                | <b>7</b> 1x Carrying Case        |
| <b>4</b> 1x Charging Cable         |                                  |

Figure 2: Contents of the Wintact WT8811 package. This image displays the gas detector, charger, USB cable, user manual, and hard shell carry case, along with the gas calibration cap and transparent gas tube.

## 4. PRODUCT FEATURES

- **Fast & Accurate Detection:** Precisely measures 4 gases:
  - Combustible Gases (LEL): 0 to 100%LEL

- Oxygen (O<sub>2</sub>): 0 to 30%VOL
- Hydrogen Sulfide (H<sub>2</sub>S): 0 to 100PPM
- Carbon Monoxide (CO): 0 to 1000PPM

Resolution is 0.1 (CO resolution: 1). Achieves accurate readings ( $\leq \pm 5\%$ FS) in less than 30 seconds after a 20-second warm-up.

- **Multiple Alarms:** Features sound, visual (light), and vibration (shock) alarms that activate when gas concentrations exceed preset high/low limits. Audible alarms can be muted.

- **Multi-Functional Display:**

- 1.17" Color Backlit Display for clear visibility in various lighting conditions.
- °F/°C unit switch for temperature display.
- Data hold function.
- Storage for up to 127,375 data points.
- Ability to view and delete historical data.
- Temperature compensation.
- Zero calibration.
- Low battery indicator.
- Auto power off feature.

- **Versatile Use:** Suitable for a wide range of test gases including oxygen, carbon monoxide, hydrogen sulfide, combustion gases (e.g., ethane, toluene, propane, LPG), natural gases (e.g., methane, butane, ethane, LNG), alcohol, ammonia, benzene, ethanol, hexane, and gasoline gas. Ideal for home, RV, sewer, and basement use.

- **Durable & Portable Design:**

- Rugged stainless steel clip for secure attachment.
- Non-slip side grips for easy handling.
- Compact dimensions: 4.9"D x 7.1"W x 15.3"H (approx. 71 x 153 x 49 mm).
- Lightweight: 0.48 lbs (approx. 218g).

- **Long Battery Life:** Built-in 1800mAh rechargeable Lithium Polymer battery provides over 8 hours of continuous use from a 6-hour charge.

## 4 in 1 Gas Detector



## 1.17" Color Backlit Screen



## Long Endurance



Figure 3: Sensor layout of the Wintact WT8811. This image illustrates the placement of the O2, CO, H2S, and LEL sensors on the device.

## Back Clip



## USB Rechargeable



## Sound, Light & Shock Alarms



Figure 4: Key features of the Wintact WT8811 including the back clip, USB charging port, and visual representation of sound, light, and shock alarms.

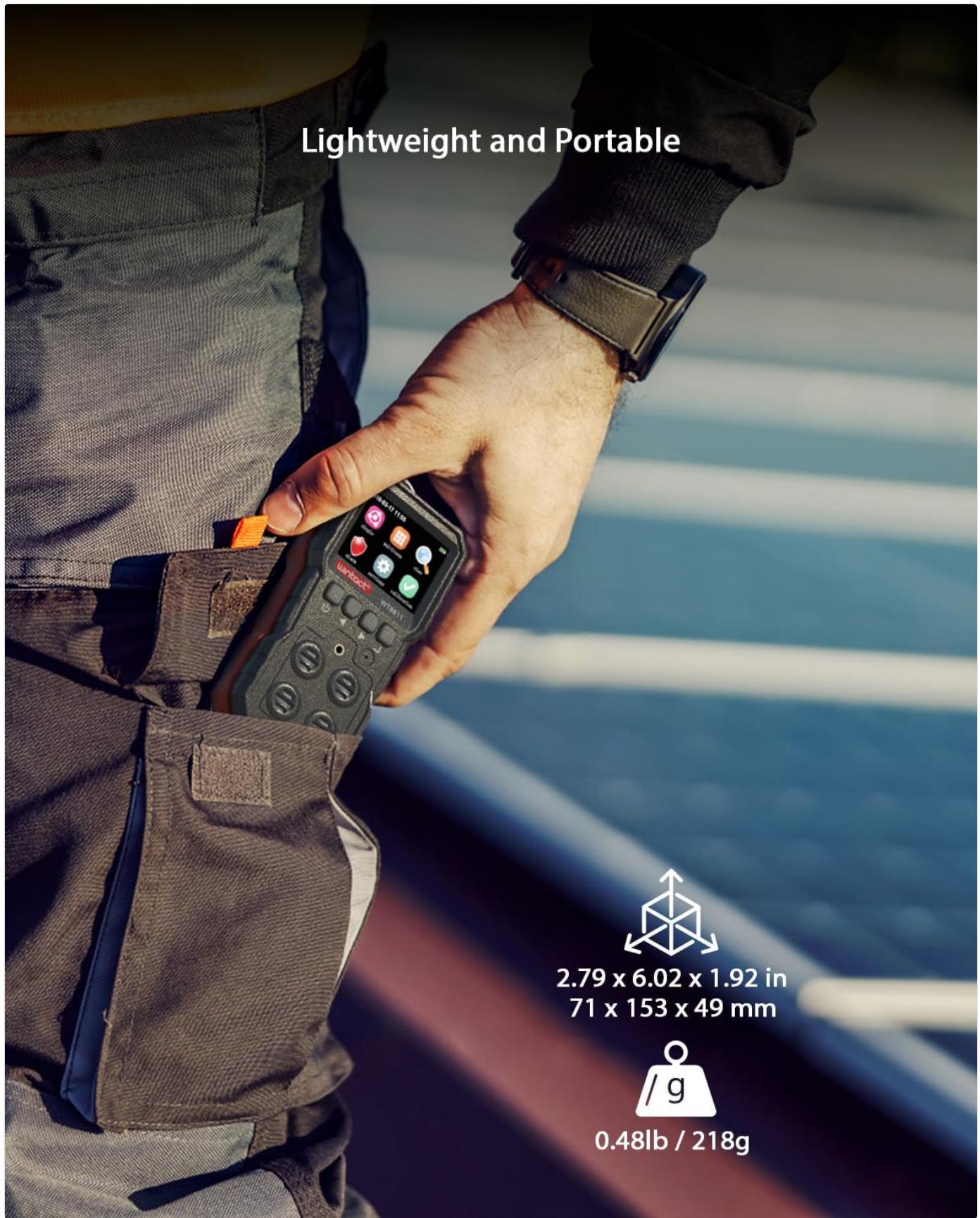


Figure 5: The Wintact WT8811 demonstrating its lightweight and portable design, easily fitting into a pocket.

## 5. SETUP

### 5.1 Charging the Device

Before first use, fully charge the device. Connect the provided USB cable to the detector's charging port and the other end to the battery charger, then plug into a power outlet. A full charge takes approximately 6 hours and provides over 8 hours

of continuous operation.



Figure 6: The Wintact WT8811 connected to its USB-Micro charger, illustrating the charging process and battery capacity.

## 5.2 Initial Power On and Warm-up

To power on the device, long press the power button. The device will initiate a 20-second warm-up sequence. During this time, the sensors stabilize to ensure accurate readings. Do not take measurements until the warm-up is complete.

## 5.3 Language and Date/Time Settings

Access the settings menu to configure the device language (English is default) and set the correct date and time. This ensures proper data logging and timestamping of measurements.

# 6. OPERATING INSTRUCTIONS

## 6.1 Measurement Interface

The WT8811 offers both single and multiterm measurement interfaces. You can switch between these views to display individual gas concentrations or all four gas readings simultaneously.

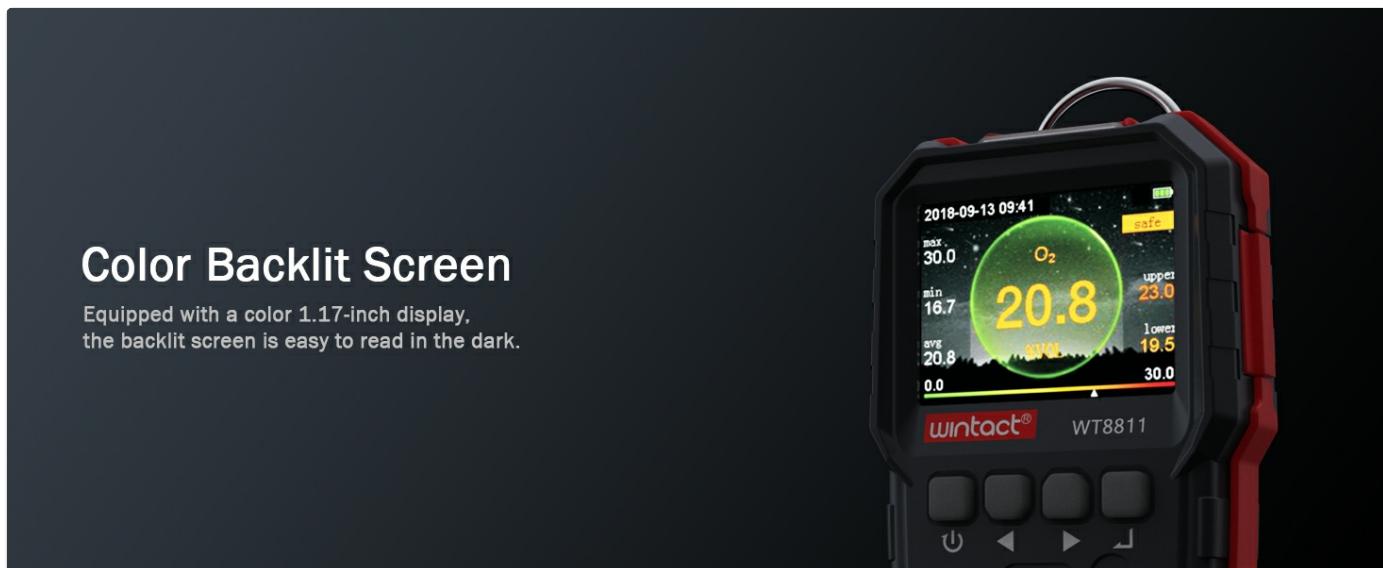


Figure 7: The Wintact WT8811's display showing options to switch between single and multiterm measurement interfaces for gas readings.

## 6.2 Navigating the Device

Use the directional buttons below the screen to navigate through menus and adjust settings. The central button typically serves as a confirmation or selection key.

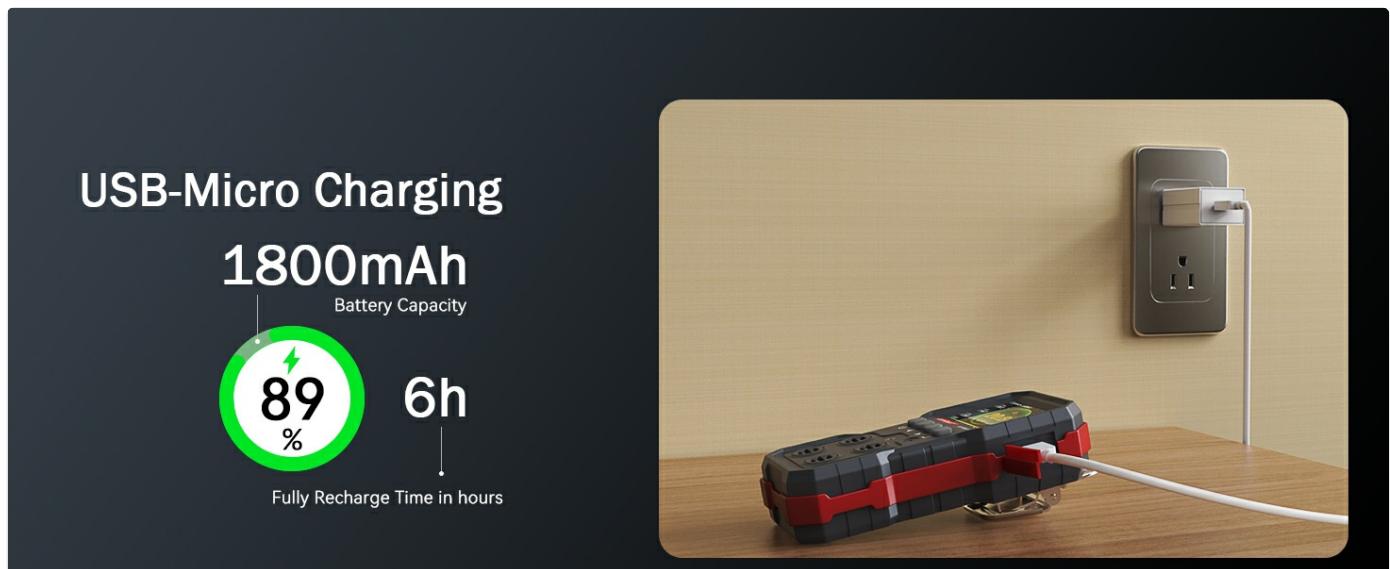


Figure 8: Detailed diagram of the Wintact WT8811 showing the layout of its buttons, LCD display, charging port, and gas sensing holes.

## 7. CALIBRATION

To ensure the accuracy of your Wintact WT8811, regular calibration is essential. The device supports zero calibration and offers various calibration options for each gas type (O<sub>2</sub>, CO, H<sub>2</sub>S, LEL).

### 7.1 Performing Zero Calibration

Access the calibration menu from the main interface. Select the zero calibration option to set the baseline for gas detection in a clean air environment.

### 7.2 Gas-Specific Calibration

For precise measurements, gas-specific calibration points can be set. Refer to the detailed instructions in the user manual for advanced calibration procedures using the gas calibration cap and transparent gas tube.

## Record up to 127,375 Pieces of Data



View

Delete

Select

2018-03-13 17:25			
No.	start record time	total	interval
33	2018.01.27 11:51:44	1019	1
34	2018.01.27 12:11:42	1019	1
35	2018.01.27 12:32:05	1019	1
36	2018.01.27 12:52:16	1019	1
37	2018.01.27 13:12:24	1019	1
38	2018.01.27 13:32:53	1019	1
39	2018.01.27 13:53:05	997	1
40	2018.01.29 09:59:29	151	1

2018-03-14 10:54			
No.	start record time	total	interval
57	2018.03.13 10:27:12	67	1
58	2018.03.13 10:52:18	14	1
59	Are you sure delete?	1	
60	NO	YES	1
61	2018.03.13 10:17:03	770	1
63	2018.03.13 16:20:54	21	1
64	2018.03.13 16:22:01	732	1

2018-03-14 10:58			
No.	start record time	total	interval
65	2018.03.13 17:05:04	1019	1
66	2018.03.13 17:23:20	511	1
67	select the num to delete		
68	0000 ~ 0000	enter	
70	2018.03.14 09:10:00	1015	1
71	2018.03.14 09:36:16	1019	1
72	2018.03.14 09:54:40	1019	1

## 3 Calibration Methods

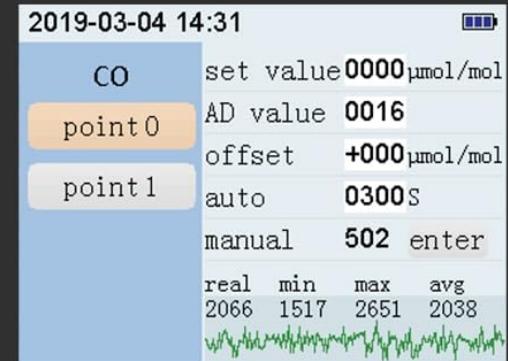
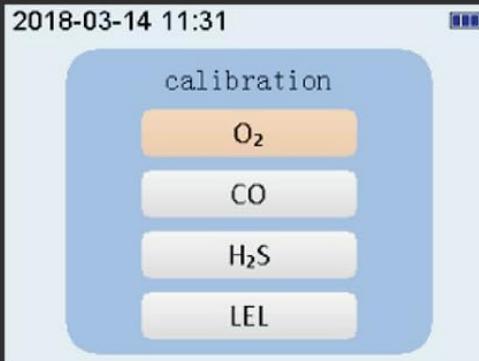


Figure 9: The Wintact WT8811's display showing the calibration menu with options for O2, CO, H2S, and LEL, and detailed calibration settings for CO.

## Back Clip

The gas detector comes with a back clip that is not only easy to carry at all times, but also easy to hang anywhere for extended periods of ambient gas monitoring.



Figure 10: The Wintact WT8811 connected for calibration, emphasizing the importance of maintaining accuracy.

## 8. DATA LOGGING AND REVIEW

The WT8811 is capable of logging up to 127,375 data points, allowing for comprehensive monitoring over time. Each set can contain 1019 data points.

### 8.1 Viewing Historical Data

Navigate to the "View" option in the main menu. You can browse through recorded data sets, which include start record time, total readings, and interval. The device also allows playback of recorded gas data to analyze concentration changes over time.

### 8.2 Deleting Data

From the "View" menu, you have the option to delete individual data sets or clear all stored data. Confirm deletion when prompted.



Figure 11: The Wintact WT8811's display showing options for looking up, viewing, deleting, and selecting data, along with a graph of recorded gas data over time.

## 9. ALARMS

The WT8811 features multiple alarm modes to alert you to unsafe gas levels. You can customize the upper and lower thresholds for each gas type.

## 9.1 Alarm Types

- **Light Alarm:** Visual indicator on the device.
- **Sound Alarm:** Audible alert. Can be muted if desired.
- **Vibration Alarm (Shock):** Tactile alert, useful in noisy environments or when carrying the device.

## 9.2 Setting Alarm Thresholds

Access the "Alarm" settings from the main menu. Here, you can adjust the upper and lower concentration limits for O<sub>2</sub>, CO, H<sub>2</sub>S, and LEL. When gas levels exceed these thresholds, the corresponding alarms will activate.

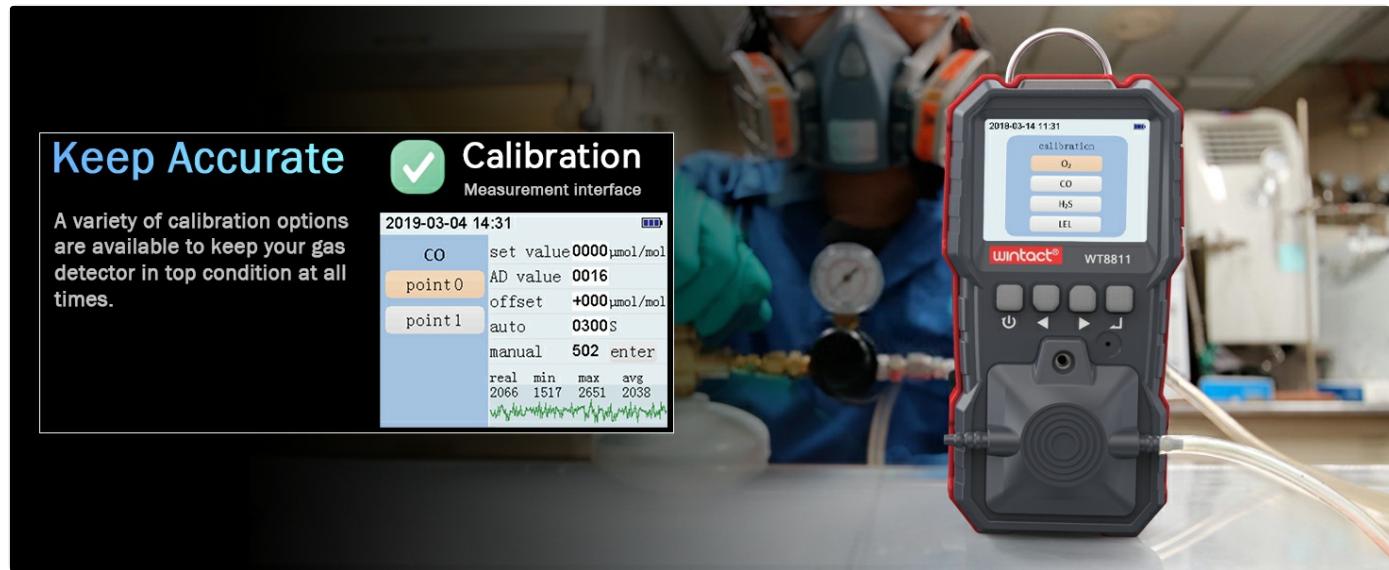


Figure 12: The Wintact WT8811's alarm settings interface, showing options to enable/disable light, sound, and shock alarms, and customize upper and lower thresholds for each gas.

## 10. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Wintact WT8811.

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Recharge the battery when the low battery indicator appears. Avoid fully depleting the battery frequently to prolong its lifespan. If storing for extended periods, charge the device periodically.
- **Sensor Care:** Keep the gas sensing holes clear of dust and debris. Regular calibration helps maintain sensor performance.
- **Storage:** Store the device in its hard shell carry case in a cool, dry place, away from direct sunlight and extreme temperatures.

## 11. TROUBLESHOOTING

If you encounter issues with your WT8811, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the device for at least 6 hours.

Problem	Possible Cause	Solution
Inaccurate or fluctuating readings.	Insufficient warm-up time; sensors require calibration; sensor obstruction.	Ensure 20-second warm-up. Perform zero calibration. Check and clear gas sensing holes.
Alarms not activating.	Alarm thresholds not set correctly; alarms disabled in settings.	Verify alarm settings and thresholds in the menu. Ensure sound/light/vibration alarms are enabled.
Device does not charge or display battery graphic while charging.	Charging port issue; device design limitation.	Ensure USB cable and charger are properly connected. Note that some devices may not display live readings during charging.

If the problem persists after attempting these solutions, please contact Wintact customer service for further assistance.

## 12. SPECIFICATIONS

Attribute	Detail
<b>Brand</b>	Wintact
<b>Model</b>	WT8811
<b>Style</b>	4 in 1 Gas Leak Detector
<b>Power Source</b>	Battery Powered
<b>Color</b>	Black
<b>Product Dimensions (D x W x H)</b>	4.9" x 7.1" x 15.3" (approx. 71 x 153 x 49 mm)
<b>Item Weight</b>	0.48 Pounds (approx. 218g)
<b>Alarm Type</b>	Sound, Visual (Light), Vibration (Shock)
<b>Operating Humidity</b>	<95%RH
<b>Upper Temperature Rating</b>	122 Degrees Fahrenheit
<b>Sensor Type</b>	Electrochemical
<b>Material</b>	ABS
<b>Battery Type</b>	1800mAh Lithium Polymer (rechargeable, included)
<b>Voltage</b>	3.7 Volts
<b>Charge Time</b>	6 hours
<b>Continuous Use Time</b>	Over 8 hours
<b>Accuracy</b>	$\leq\pm 5\%$ FS
<b>Response Time</b>	<30 seconds (after 20s warm-up)
<b>Oxygen (O<sub>2</sub>) Range</b>	0 to 30%VOL

Attribute	Detail
Carbon Monoxide (CO) Range	0 to 1000PPM
Hydrogen Sulfide (H2S) Range	0 to 100PPM
Combustible Gases (LEL) Range	0 to 100%LEL





Figure 13: Dimensions of the Wintact WT8811 gas detector, showing its height, width, and depth.

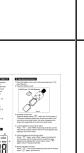
## 13. WARRANTY AND SUPPORT

The Wintact WT8811 Gas Leak Detector comes with a **12-month warranty** from the date of purchase. For any questions, technical assistance, or warranty claims, please contact Wintact customer service. Our friendly **24/7 customer service** team is available to assist you. You can find more information and contact details on the official Wintact store: [Wintact Amazon Store](#).

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### Related Documents - WT8811

	<p><a href="#">Wintact WT8811 Compound Gas Monitor Instruction Manual</a></p> <p>Comprehensive instruction manual for the Wintact WT8811 Compound Gas Monitor, detailing its features, operation, specifications, calibration procedures, and safety guidelines for industrial use.</p>
	<p><a href="#">Wintact WT8820 Combustible Gas Detector Instruction Manual</a></p> <p>User manual for the Wintact WT8820 Combustible Gas Detector. This guide provides detailed instructions on product introduction, functions, safety precautions, operation, maintenance, and technical specifications for detecting flammable gas leaks. Includes information on sensitivity adjustment, battery and sensor replacement, and environmental operating conditions.</p>
	<p><a href="#">Wintact WT8821 Oxygen Detector Instruction Manual and Specifications</a></p> <p>Detailed instruction manual for the Wintact WT8821 Oxygen Detector, covering its introduction, LCD display, components, operating instructions, technical specifications, and important warnings and precautions.</p>

	<p><a href="#">Wintact WT8800 Oxygen Monitor Instruction Manual</a></p> <p>Comprehensive instruction manual for the Wintact WT8800 Oxygen Monitor, detailing its features, operation, specifications, calibration, and safety precautions for accurate gas detection in industrial and professional settings.</p>
	<p><a href="#">Instrukcja Obsługi Próbnik Napięcia Wintact WT3010</a></p> <p>Szczegółowa instrukcja obsługi bezdotykovego próbnika napięcia Wintact WT3010 1000V. Zawiera informacje o funkcjach, bezpieczeństwie, obsłudze, parametrach technicznych oraz utylizacji.</p>
	<p><a href="#">Wintact WT85/WT85B Sound Level Meter Instruction Manual</a></p> <p>Instruction manual for the Wintact WT85 and WT85B Sound Level Meters, detailing features, operation, calibration, technical parameters, and the dB-Tester App for the Bluetooth version.</p>

Documents - Wintact – WT8811

## [pdf] User Manual Specifications

71688811005 WT8811      cdr Administrator Version WT8811 EN 00 MODEL Compound Gas Monitor  
Instruction Manual Contact Email [service@wintact.net](mailto:service@wintact.net) Tel 86 13530057923 Wechat WhatsApp  
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MODEL: **WT8811** Compound Gas Monitor Instruction Manual Any queries, kindly contact us feel free. Contact Email: service wintact.net Tel: 86 13530057923 Wechat WhatsApp Skype: raymondzheng2014 Version**WT8811-EN-00** **WT8811**  
Standard:Q/HTY 010-2018 Q/HTY 011-2018 Q/HTY 012-2018 Q/HTY 007-2018  
Contents...

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**SPEC  
KABLE**

[www.specable.pl](http://www.specable.pl)

**Karta produktu**

**Wielofunkcyjny miernik zawartości gazów O2, H2S, CO, LEL w walizce WT8511 WINTACT**

[WINTACT](#)

Producent:	WINTACT
Symbol:	61-0007
Kod producenta:	WT8511
Kod EAN:	593273881076

**Opcje produktu**

Wielofunkcyjny miernik zawartości gazów CO, LEL, H2S, O2 w walizce produkcji niemieckiej. Miernik wykorzystuje nową technologię i jest zgodny z normą gazu LEL. Wykonany zgodnie z normą EN60068-2-29, posiada możliwość ustawiania alarmów, możliwość zmiany jednostek miary, możliwość dostępu do danych historycznych, co pozwala na łatwe porównanie danych z dawnych i nowych pomiarów. Wykonany zgodnie z normą EN60068-2-29, posiada możliwość zmiany jednostek miary, możliwość dostępu do danych historycznych, co pozwala na łatwe porównanie danych z dawnych i nowych pomiarów.

**Zawartość zestawu:**

- Wielofunkcyjny miernik gazów WT8511
- Kabel USB
- Instrukcja obsługi
- Bateria
- Pełnokształtna walizka umieszczająca wybrane akcesoria miernika

**Parametry wykrywania stężenia gazów**

- Gaz: Metan (CH<sub>4</sub>), Propan (C<sub>3</sub>H<sub>8</sub>), Butan (C<sub>4</sub>H<sub>10</sub>) (0-10000 ppm) (1 m) (1 poziomczak)
- Tlen: O<sub>2</sub> (0-21% (0-10000 ppm) (0,1 m) (1 poziomczak)
- Wodor: H<sub>2</sub> (0-10000 ppm) (1 m) (1 poziomczak)
- Tlenek węgla CO (0-10000 ppm) (1 m) (1 poziomczak)

Produkt przeznaczony jest do funkcji i zastosowań wymienionych w spisie.

**Dane techniczne:**

- Producent: Wintact



[Wintact WT8811 Compound Gas Monitor Instruction Manual](#)

Comprehensive instruction manual for the Wintact WT8811 Compound Gas Monitor, detailing its features, operation, specifications, calibration procedures, and safety guidelines for industrial use.

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TIME3202 TH110 TIME5300 TIME5310 ... GM1312 WINTACT WT320 WT550  
WT900 WT816A WT87A WT81 WT83 WT85 WT63B WT100A WT130A WT2110  
WT55 WT8820 **WT8811** HTI HT-660 HT-669 HT-02 / ...

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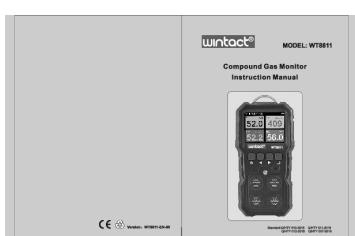


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- [www.protester.com.ua](http://www.protester.com.ua) PROTESTER , . . , . . . . 1735,00 2040,00 2655,00 3125,00  
2170,00 2555,00 3010,00 3540,00 6 24 [www.protester.com.ua](http://www.protester.com.ua) **WT8811** 4--1 , 2, ,  
H2S Wintact : 0 - 100 LEL, 2:0 - 30 VOL, H2S:0 - 100 mol/mol, CO: ...

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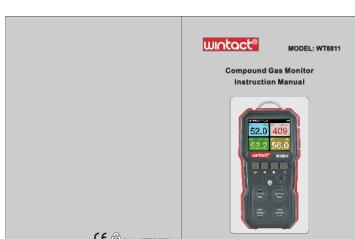
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WT8811 User Download  O2 CO H2S LEL Multi Gas Detector Wintact

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2

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Model WT8811

**EMC**  
Measurement and Test Report  
For

SHENZHEN WINTACT ELECTRONICS CO., LTD.  
ROOM C, FLOOR 6, BLOCK B, DONGFANG JIANFU YILING  
INDUSTRIAL ZONE, GONGMING TOWN, GUANGMING DISTRICT,  
SHENZHEN CITY, GUANGDONG PROVINCE, CHINA

Test Standards: EN 61000-6-1:2017  
EN 61000-3-2:2007/A1/A2:2012

Product Description: Gas Monitor

Tested Model: WT8811

Report No.: STR1811804E

Tested Date: 2018-11-19 to 2018-11-22

Issued Date: 2018-11-22

Tested By: 

Reviewed By: 

Approved & Authorized By: 

Prepared By: Shenzhen SEM Test Technology Co., Ltd.  
1/F, Building A, Hongwei Industrial Park, Jiaxin 2nd Road,  
Bao'an District, Shenzhen, P.R.C. (518101)  
Tel: +86-755-33963308 Fax: +86-755-33962209 Website: www.semtest.com.cn

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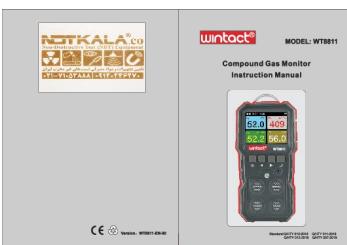
Report No.: STR1811804E  
Page 1 of 33  
EMC REPORT

[\[pdf\] Test Report](#)

EMC Measurement and Test Report Sunsky Model WT8811 REPORT NO STR18118204E PAGE 1 OF 33 For SHENZHEN WINTACT ELECTRONICS CO LTD ROOM C FLOOR SYA005388 upload sunsky online res certificate |||

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مشخصات، قیمت ارزان و **کاتالوگ گازسنج وینتکت** Wintact 71688811005 WT8811 cdr Administrator خرید گاز سنج WT8811 « گاز 11 » NDTKALA ndtkala co 2022 10 |||

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Model: WT8811

**FCC Part 15B**  
Measurement and Test Report  
For

SHENZHEN WINTACT ELECTRONICS CO., LTD.  
ROOM C, FLOOR 6, BLOCK B, DONGFANG JIANFU YILING  
INDUSTRIAL ZONE, GONGMING TOWN, GUANGMING DISTRICT,  
SHENZHEN CITY, GUANGDONG PROVINCE, CHINA

FCC Rule(s): FCC Part 15 Subpart B

Product Description: Gas Monitor

Tested Model: WT8811

Report No.: STR1811805E-3

Sample Receipt Date: 2018-11-19

Tested Date: 2018-11-19 to 2018-11-22

Issued Date: 2018-11-22

Tested By: 

Reviewed By: 

Approved & Authorized By: 

Prepared By: Shenzhen SEM Test Technology Co., Ltd.  
1/F, Building A, Hongwei Industrial Park, Jiaxin 2nd Road,  
Bao'an District, Shenzhen, P.R.C. (518101)  
Tel: +86-755-33963308 Fax: +86-755-33962209 Website: www.semtest.com.cn

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Report No.: STR1811805E-3  
Page 1 of 25  
FCC Part 15B

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FCC Part 15B Measurement and Test Report Sunsky Manufacturer SHENZHEN WINTACT ELECTRONICS CO LTD Model No WT8811 WT8820 WT8821 WT8822 WT8823 WT8825 WT8826 GM8800A GM8800B SYA005388 upload sunsky online res certificate |||

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