

Ozone Meter Instruction Manual

Product Specifications

Display method: Large screen color LCD display
 Atmospheric pressure: 86Kpa - 106Kpa
 Product Size: 164*74*26MM
 Product weight: 210g
 Detection temperature: -10°C to 50°C
 Relative humidity: 20% - 85%
 Storage temperature: -10°C to 60°C
 Concentration unit for O3: ppm
 Test range: 0-5ppm
 Power source: Lithium battery with 2000 mAh capacity; 5V DC power charging via micro USB port

Product Description

This product is a multifunctional Ozone Meter that detects Ozone O3, Temperature, and Humidity. It's scientific and professional devices which can real-time monitor Ozone O3 on LCD display screen.

Considerations

Please read the instructions carefully before using this device. Please keep the manual handy for quick reference and troubleshooting.

Precautions

Avoid covering the air intake areas during use to avoid inaccurate measurements.
 Avoid use of solvents to clean the product as residual fumes will s new air quality readings.
 Avoid water or other liquids near the product to avoid electrical damage.
 Do not allow unauthorized modification or repair of this product.

Features:
 - 2.8" color liquid crystal display (LCD), 320x240 pixels
 - User adjustable alarm threshold for ozone(O3) to alert user of elevated levels
 - Test variables: Ozone (O3), temperature, humidity
 - Large 2000mAh capacity Lithium battery
 - Electrochemistry sensor for Ozone
 - 5V Micro USB charging
 - Low battery warning

Instructions

Start Up

When you long-press the power button, the will Ozone Meter boot up. Picture below :



- 1) Power on / off button, used to confirm highlighted options or to turn device on/off by pressing for 3 seconds.
- 2) Menu Button, used to call up the dialog box for adjusting various parameters.
- 3) Exit / ESC button, used to exit from menus.
- 4) Up / Switch / Increase Button, used to scroll between interfaces or navigate within menus.
- 5) Down / Switch / Decrease Button, used to scroll between interfaces or navigate within menus.
- 6) LCD screen, display various parameters.
- 7) USB Charging Port

O3 (ozone) ideal range: $\leq 0.10 \text{ ppm}$
 The ozone alarm threshold can be set to 0.1ppm, 0.3ppm or 0.6ppm.
 If levels of O3 exceed the set ozone alarm threshold, the device will alarm with short beeps.

Shutdown:

Press and hold the power button for 3 seconds, hear a tone and then turn it off after releasing the hand.

Picture below :



(3) Operation:

Device enters the detection interface after booting :

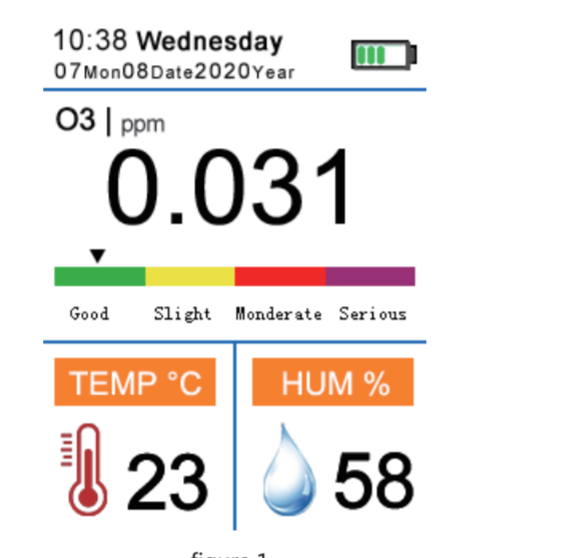


figure 1

Reminder:
 O3(ozone) ideal range: $\leq 0.10 \text{ ppm}$
 The ozone alarm threshold can be set to 0.1, 0.3 or 0.6ppm.
 If levels of O3 exceed the set ozone alarm threshold, the device will alarm with short beeps.

1. System set :

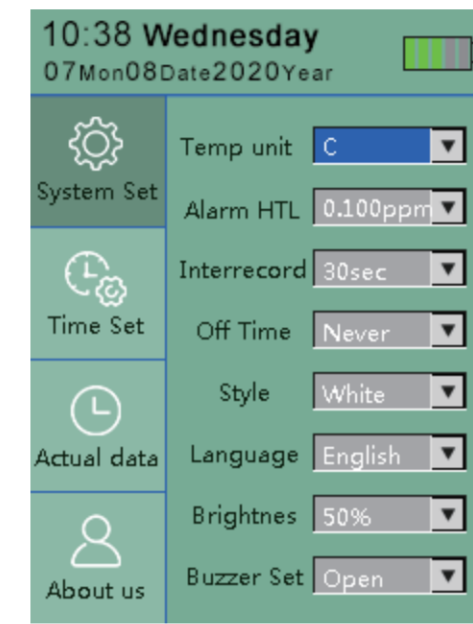


figure 2

Press menu button to enter the setting interface (figure 2). Switching Among different setting interfaces by pressing menu button again.

(1) Temperature Unit

Navigate to "Temp Unit" using up/down buttons to select C or F . after selection ,press power button again to confirm your setting .

(2) Alarm HTL

Navigate to "Alarm HTL" using up/down buttons set the Alarm level, there are 3 kinds of alarms Levels. (0.1ppm, 0.3ppm, 0.6ppm) after your setting, please press power button again to confirm this setting .

(3) Interval time

Navigate to "Interval" using up/down buttons, press power button to enter setting , there are several interval times :
 - 5 seconds, 15 seconds, 30 seconds, 60 seconds,
 - 5 minutes, 15 minutes, 30 minutes, 60 minutes
 after your selection , please press power button to confirm this setting .

(4) Off Time

Navigate to "Off Time" using up/down button ,press power button to enter. Choose between the following options with up/down buttons to select off time: "Never", "30 minutes", "60 minutes", "90 minutes" after selection , please press power button to save setting .

(5) Style

Navigate to " style " using up/down button to select Blue or White, after selection, press power button again to confirm your setting.

(6) Language

Navigate to " Language " using up/down button, press power button to enter, switching using up/down button, choose between the following options: "Chinese", "English", after selection , press power button to save this setting .

(7) Brightness :

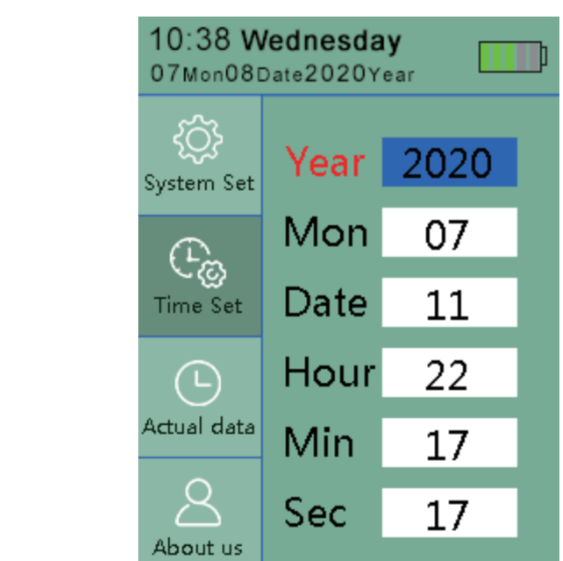
it is the Brightness of background,
 Navigate to "Brightness" using up/down button, press power button to enter, Choose between the following options with up/down buttons : "10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%" , then press power button to save setting .

(8) Buzzer set :

Navigate to " Buzzer set " using up/down button, press power button to enter, Choose between the following options with up/down buttons : "Close" " Open" , then press power button to save setting .

2. Time Setting:

Press the Menu button, Navigate to " Time set " using menu button, press power button to enter, using up/down button to increase/ decrease the value , after each selection, press the power button to save setting.

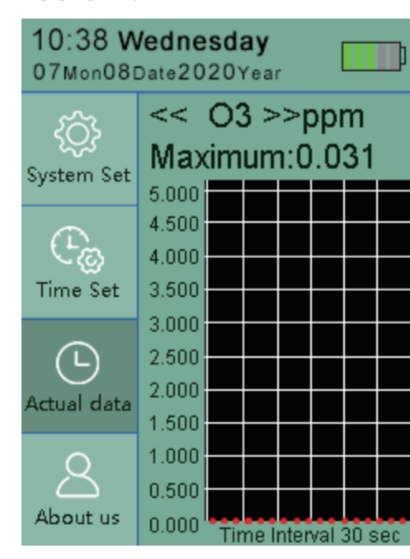


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3. History record

Press the Menu button, Navigate to " Actual data " using menu button again, Press up and down button to switch to view the Graphs show the data record of O3, Temperature, Humidity.

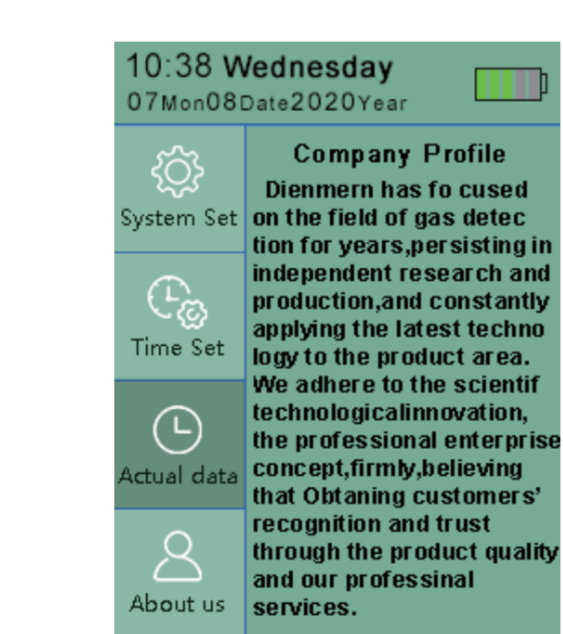
As shown:



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4. About us

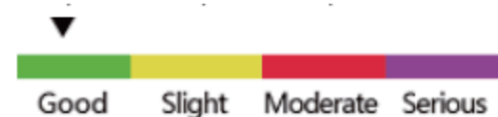
Press menu button, Navigate to " About us " using menu button again, to introduce the relevant knowledge points .



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AQI(O3 concentration):

Green Color (Good): 0-0.100
 Yellow Color (Slight): 0.101-0.300
 Red Color (Moderate): 0.301-1.000
 Purple Color (Serious): 1.001-4.999



About Charging

When low battery icon is displayed, the device needs to be charged. Insert the included or another compatible micro USB charging cable into the device. Attach the other end to a USB DC charger (such as a smartphone charger) that outputs DC 5V at >= 1000mA. Fully charge for at least 2-3 hours before use. Avoid charging with a USB computer port which only outputs 500mA.

Description of accessories:

Device -----1 pc
 USB cable -----1 pc
 English Manual -----1 pc

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