

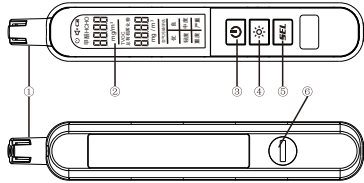
空气质量检测仪



1 注意事项

1. 使用前应检查仪表和附件，谨防任何损坏或不正常的现象。如发现本仪表壳体已明显损坏以及液晶显示器无显示等，或者您认为本仪表已无法正常工作，请勿再使用本仪表。
2. 在测量时，遵循使用操作说明。
3. 请勿随意打开仪表，以及更改内部接线，以免损坏仪表。
4. 当液晶显示器显示“ ”符号，应充电后再使用。
5. 不要在高温、高湿和强电磁环境中存放或者使用仪表。
6. 本检测仪不是安全检测设备！为了您的人身安全，请勿将其用作监控仪器。
7. 确保气体浓度不超过20%LFL(可燃性下限)。
8. 在气体污染环境中开机预热，将会使检测仪的报警阈值增加。
6. 维护保养请使用软布及中性清洁剂清洁仪表外壳，切勿使用研磨剂及溶剂，以防外壳被腐蚀，损坏仪表。

2 产品描述



1. 产品外观描述

- | | |
|-----------|----------|
| ① 空气检测传感器 | ② 显示屏 |
| ③ 开关机按键 | ④ 背光开关按键 |
| ⑤ 声音报警开关 | ⑥ USB充电口 |

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2. 开关与按键说明

- ⏻ 电源按键：
长按：开机/关机。
开机后短按：取消自动关机功能。
- ☀ 背光开关按键：
短按：背光打开/关闭。
长按：无效。
- SEL** 功能按键：
短按：报警声音打开/关闭。
长按：无效。

3、LCD符号说明

符号	说 明
	自动关机标识
	低电量提示
	报警功能图标
	甲醛数据显
	总有机挥发物数据显
	空气污染评估



3 规格

概述

1. 显示：LCD显示屏。
2. 电池欠压指示：LCD显示 符号。
3. 传感器：空气检测传感器。
4. 采样速率：1秒。
5. 报警方式：数字显示、背光灯、马达振动及蜂鸣。
6. 自动关机时间：约5分钟。
7. 工作温湿度：0~40℃，0~90%RH。
8. 存储温湿度：-20~60℃，0~75%RH。
9. 供电：内置3.7V 400mA锂电池。
10. 工作高度：最大2000米。
11. 尺寸：170.6*27.6*20 mm。
12. 重量：80g。

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技术指标

甲醛HCHO：

检测范围	响应灵敏度	响应时间	预热时间
0.017~1.999mg/m³	0.020mg/m³	2秒	200秒

TVOC总有机挥发物：

检测范围	响应灵敏度	响应时间	预热时间
0.096~9.999mg/m³	0.100mg/m³	2秒	200秒

4 操作说明

空气质量测试：

1. 按⏻键开机。
2. 开机后传感器开始预热，屏幕会有200秒倒计时显示，结束后蜂鸣“嘀嘀”两声提示预热完成。
3. 预热完成后，将检测仪拿到待检测环境进行检测。
4. 检测仪检测到环境空气质量时,显示数据随着空气质量变化而变化;空气质量超标时，显示数据会随着增加，屏幕会有红灯闪烁，蜂鸣和马达也会随着数据的增长而加快响应的频率。
5. 显示数据和空气质量评估如下：

甲醛HCHO	TVOC总有机挥发物	空气污染评估
0.017~0.079mg/m³	0.096~0.610mg/m³	优
0.080~0.099mg/m³	0.611~0.792mg/m³	良
0.100~0.199mg/m³	0.793~3.060mg/m³	轻度
0.200~0.299mg/m³	3.061~3.775mg/m³	中度
0.300~0.399mg/m³	3.776~4.290mg/m³	重度
0.400~1.999mg/m³	4.291~9.999mg/m³	严重
1.999mg/m³ < OL	9.999mg/m³ < OL	超出量程

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5 保养与维护

1. 一般保养与维护

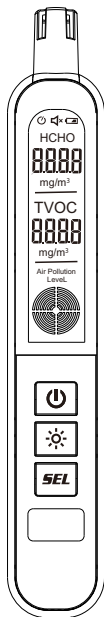
- ★ 定期清洁仪表外壳，请勿用化学溶剂清洁仪表外壳。
- ★ 保持仪表传感器头部分干燥清洁。
- ★ 如发现仪表异常，请停止使用并送回校准维修。

2. 更换电池

- 如果仪表出现 符号，应充电后再使用，否则会影响测量精度。
- ★ 关闭仪表电源，用螺丝刀打开充电口。
 - ★ 插入USB线充电，充电过程中，红色指示灯亮起，充满为绿色。
 - ★ 充电完成后，重新装回充电后盖。

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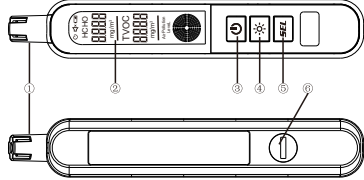
Air quality monitor



1 Security Information

1. Check the instrument and accessories before use for any damage or irregularities. Do not use the instrument if the housing is visibly damaged or if the LCD display is not showing, or if you believe that the instrument is not working properly.
2. Follow the operating instructions when measuring.
3. Do not open the instrument or change the internal wiring as this may damage the instrument.
4. When the LCD display shows the symbol, should be charged before use.
5. Do not store or use the instrument in high temperature, high humidity and strong electromagnetic environment.
6. This tester is not a safety testing device! For your own safety, do not use it as a monitoring device.
7. Ensure that the gas concentration does not exceed 20% LFL (lower flammability limit).
8. Pre-warming the detector in a gas contaminated environment will increase the alarm threshold of the detector.
6. Use a soft cloth and a neutral cleaner to clean the instrument housing.

2 Product Description



1. Part Name

- | | |
|------------------------|---------------------------|
| ① Air detection sensor | ② LCD display |
| ③ Power button | ④ Backlight switch button |
| ⑤ Audible alarm switch | ⑥ USB charge port |

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2、Button Description

- ⏻ Power button:
Long press: Power off.
Short press: after power on: Auto shutdown disable.
- ☀ Backlight switch button:
Short press: Backlight ON/OFF.
Long press: Invalid.
- SEL** Function Button:
Short press: alarm sound on/off.
Long press: Invalid.

3、LCD full display symbol

Symbol	Description
	Auto shutdown symbol
	Low battery
	Alarm function symbol
	Formaldehyde data show
	Total VOC data show
	Air pollution level assessment



3 Specification

Overview

1. Display: LCD display.
2. Battery undervoltage indication: LCD display with symbol.
3. Sensor: NTC sensor, gas sensor.
4. Sampling rate: 1 second.
5. Alarm mode: Analogue bar, backlight, motor vibration and beep.
6. Automatic shut-off time: About 5 minutes.
7. Operating temperature and humidity: 0~40℃，0~90%RH.
8. Storage temperature and humidity: -20~60℃，0~75%RH.
9. Power supply: Built-in 3.7V 400mA lithium battery.
10. Working altitude: 2000m max.
11. Dimensions: 170.6*27.6*20mm.
12. Weight:80g.

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Technical index

Formaldehyde HCHO：

Range	Sensitivity	Response time	Warm-up time
0.017~1.999mg/m³	0.020mg/m³	2 seconds	200seconds

Total Organic Volatile TVOC：

Range	Sensitivity	Response time	Warm-up time
0.096~9.999mg/m³	0.100mg/m³	2 seconds	200seconds

4 Operating Instructions

Air quality testing:

- 1.Press ⏻ to power on.
- 2.After starting the machine, the sensor starts to warm up,The screen will display a countdown of 200 seconds, and after the completion, a beep "Didi" will sound twice to indicate that the preheating is completed.
- 3.After preheating, take the detector to the environment to be tested for testing.
- 4.When the detector detects ambient air quality, the displayed data changes with changes in air quality; When the air quality exceeds the standard, the displayed data will increase, and there will be a red light flashing on the screen. The beep and motor will also accelerate the response frequency as the data increases.
5. The displayed data and air quality assessment are as follows:

Formaldehyde HCHO	TVOC Total Organic Volatiles	Air pollution assessment
0.017~0.079mg/m³	0.096~0.610mg/m³	• Yu
0.080~0.099mg/m³	0.611~0.792mg/m³	• Good
0.100~0.199mg/m³	0.793~3.060mg/m³	• Mild
0.200~0.299mg/m³	3.061~3.775mg/m³	• Moderate
0.300~0.399mg/m³	3.776~4.290mg/m³	• Heavy
0.400~1.999mg/m³	4.291~9.999mg/m³	• Seriously
1.999mg/m³ < OL	9.999mg/m³ < OL	• Out of range

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5 Care and maintenance

1. General care and maintenance

- ★ Clean the meter housing regularly, do not use chemical solvents to clean the meter housing.
- ★ Keep the sensor head section of the meter dry and clean.
- ★ If the meter is found to be abnormal, stop using it and send it back for calibration and repair.

2. Battery replacement

- If the meter shows the symbol , it should be charged before use, otherwise it will affect the measurement accuracy.
- ★ Turn off the power to the meter and open the charging port with a screwdriver.
 - ★ Plug in the USB cable for charging. During the charging process, the red indicator light will light up and when fully charged, it will turn green.
 - ★ After charging, reinstall the charging cover.

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