Handheld Formaldehyde Detector with Backlight

This handheld detector measures formaldehyde (HCHO) levels in real-time. It features a backlit display and auto power-off for environmental monitoring.

ADDITIONAL IMAGES

Overview

Clear digital interface showing real-time formaldehyde levels in mg/m³.

Professional Handheld Air Quality Monitoring

This handheld formaldehyde (HCHO) detector is designed for precise environmental monitoring in both indoor and outdoor settings. Equipped with a high-sensitivity electrochemical sensor, it provides real-time concentration readings to ensure safety in homes, offices, and industrial environments. The device features a clear backlit LCD and multiple operating modes to support comprehensive air quality assessment.

Measurement Performance

HCHO Detection Specs

1 mg/m³	2.5 mg/m³	0.01 mg/m³
Effective Range	Max Range	Resolution

Response Time (T90)	30 s
Sensor Technology	Electrochemical sensor

Operation & Interface

Intuitive button layout for easy navigation and measurement control.

Operating Modes

- Real-time mode
- Timing mode
- Record mode

Display	Dot matrix LCD with backlight
Auto Power Off	5 minutes after no button activity

Power & Battery

Equipped with dedicated HCHO measuring air vents and USB charging interface.

Battery Details

Parameter	Specification
Battery Type	3.6V Ni-MH
Capacity	750mAh
Working Time	Approx. 30 hours
Charging Method	5V USB

Physical Specifications

Product Size	196 x 95 x 46 mm
Weight	235 g

Environmental Limits

Operating Temperature	5°C to 45°C
Storage Temperature	-20°C to 70°C

Safety & Standards

HCHO Safety Levels

Level	Concentration
LVL1 Healthy	d 0.08mg/m³
LVL2 Unhealthy	> 0.08 mg/m³

Certifications

CE

Applications

Versatile use cases including offices, bedrooms, vehicles, and construction sites.

Recommended Environments	Classroom, In-car, Engineering, Paint/Renovation, Bedroom, Office