Handheld Ozone Tester LD-LHOT-A10

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Overview

Handheld ozone tester LHOT-A10 is a microprocessor based unit suitable for ozone concentration detection in various industrial and special environments. It employs an electrochemical sensor and a built-in suction pump. It is integrated with a temperature and humidity detection function. Easy controls and customizable parameter settings offer functional flexibility to the end user.

Features:

- 2.6 inch IPS color screen for digital display of detected ozone concentration
- Real time detection mode
- Provision to switch between ppm and mg/m3
- Over-voltage protection, overcharge protection, resistance to static and electromagnetic interference
- Excess count limit alarm
- Built-in suction pump: can work in micro-negative-pressure environment
- Large memory storage (16000 samples)
- On-screen historical data viewing
- Easy data download and export via USB
- Built-in rechargeable battery with ultra-long standby time

Applications:

Used in chemical industry, health and safety monitoring, ozone process control, personal exposure monitoring, source and leak detection; used to measure ozone concentrations in operation limited places pipelines, tunnels, etc.

Specifications:

Dimensions	165 x 80 x 30 mm
Net weight	0.5 kgs
Resolution	0.001 ppm (0 ppm ? 5 ppm)
Zero drift	? ± 1 % (F.S/Year)
Power supply	4000 mA Lithium-ion battery
Release time	? 60 s
Response time	? 60 s (T80)
Humidity range	0 % ? 100 % RH
Linearity error	? ± 1 %
Working pressure	? 30 kPa ? 200 kPa
Measurement range	0 ppm ? 5 ppm

Temperature range	? 40 °C ? 120 °C
Detection accuracy	? ± 3 %
Display resolution	320 x 240
Operating humidity	? 95 % , non-condensing
Operating temperature	? 30 °C ? 60 °C