

Handheld Ozone Tester

LHOT-A10



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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

Application :-

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.

Specification :-

MODEL	LHOT - A10
Measurement range	0 ppm ~ 5 ppm
Resolution	0.001 ppm (0 ppm ~ 5 ppm)
Temperature range	- 40 °C ~ 120 °C
Humidity range	0 % ~ 100 % RH
Detection accuracy	$\leq \pm 3 \%$
Response time	$\leq 60s$ (T80)
Release time	$\leq 60s$
Linearity error	$\leq \pm 1 \%$
Zero drift	$\leq \pm 1 \%$ (F.S./Year)
Operating temperature	- 30 °C ~ 60 °C
Operating humidity	$\leq 95\%$, non-condensing
Working pressure	- 30 KPa ~ 200 KPa
Display resolution	320 x 240
Power supply	4000 mA Lithium-ion battery
Dimensions	165 x 80 x 30 mm
Net weight	0.5 Kgs

Standard Accessories :-

Accessory No.	Accessory	Quantity
1.	Carrying case	1
2.	USB charger	1
3.	Data cable	1