



Online Ozone Meter LD-LOOM-A10

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Overview

Online ozone meter LOOM-A10 is based on advanced microprocessor technology. It monitors the changes of ozone concentration in the air and can automatically change the ozone measurement ranges. The UV absorption for monitoring low concentration of ozone is based on Beer-Lambert law. Features like real-time monitoring, auto zero calibration and built-in printer makes this unit suitable for most atmospheric monitoring requirements.

Features:

- Measuring mode : Automatic
- Ozone Detection using the UV absorption
- Auto zero calibration for precise results
- Good anti-jamming performance
- High measurement performance with fast response
- Good stability and reproducibility
- Built-in printer

Applications:

Used in testing/to measure ozone concentrations in air. It can continuously detect the ozone concentration in the outlet of the ozone generators which used on pharmaceutical, chemical, electronic, municipal, sewage treatment and other industries.

Specifications:

Power	24 VDC \pm 10 %
Weight	1.9 kgs
Accuracy	0.01 ppm or 3 % of reading
Boot time	? 30
Flow rate	1.5 L/min
Dimensions	150 x 90 x 325 mm
Resolution	0.001 ppm
Output mode	4 ? 20 mA, 0 ? 5 V DC; Modbus 485
Sampling Time	10 seconds
Gas pipe diameter	Ø 4 mm
Operational humidity	10 % ? 90 % RH
Operating temperature	10 °C ? 40 °C
Ozone measurement range	0 ppm ? 5 ppm, 0 ppm ? 100 ppm, 0 ppm ?

300 ppm, 0 ppm ? 600 ppm (Optional)