

ONLINE OZONE METER

LOOM-A10



Online Ozone Meter LOOM-A10

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

Application

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

Model	LOOM-A10
Ozone measurement range	0 ppm ~ 5 ppm, 0 ppm ~ 100 ppm, 0 ppm ~ 300 ppm, 0 ppm ~ 600 ppm (Optional)
Flow rate	1.5 L/min
Accuracy	0.01 ppm or 3 % of reading
Resolution	0.001 ppm
Sampling Time	10 seconds
Boot time	≥ 30
Operating temperature	10 °C ~ 40 °C
Operational humidity	10 % ~ 90 % RH
Gas pipe diameter	Ø 4 mm
Output mode	4 ~ 20 mA, 0 ~ 5 V DC; Modbus 485
Power	24 VDC ± 10 %
Dimensions	150 x 90 x 325 mm
Weight	1.9 kgs