UVO-10kF

Wall-mount 10,000ppm UV Ozone Analyzer.

We are excited to introduce the latest addition to our product line - the UVO-10kF in-line Ozone Analyzer. This state-of-the-art equipment offers a range of features for environmental, medical and industrial applications. The UV absorption method ensures accurate and stable measurements, with a range of 0 to 10,000ppm and a 10ppb precision.

Handheld

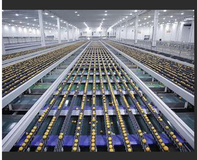
Accurate

Rapid Warm-up

Contact Us

sales@senslogix.com

Trusted By Companies Worldwide



Compact and rapid start-up design

The compact size of the UVO-10kF Ozone Analyzer, measuring just 240mm x 190mm x 90mm, with its rapid 1-minute warm-up allows immediate operation in start-up situations of production lines making it a great option for industrial professionals who need to monitor ozone levels precisely without delays.

Accurate and stable UV absorption method

The UVO-10kF Ozone Analyzer's advanced technology offers precise and reliable measurements, making it an accurate tool for monitoring ozone levels. With a range of 0 to 10,000ppm and a 10ppb precision, this device offers unparalleled accuracy for measuring ozone levels.

Versatile data recording and storage

The on-board memory of the UVO-10kF Ozone Analyzer can store up to 32000 lines of data, and it includes averaging modes of 2s to 120s and 1min to 1h. This allows users to record ozone measurements over time and analyze trends in ozone levels. The results can be uploaded to a laptop or onto a mobile phone for analysis and graphing. Additionally, the device can be programmed with customized alarm levels, making it a versatile tool for monitoring ozone levels in various settings.

Specifications:

- Accurate and stable UV absorption method
- Range: 0 to 10,000ppm
- Resolution: 10ppb
- Accuracy: greater of 10ppb (1σ) [filter = 30s] or 2% of measurement
- Precision: greater of 10ppb (1σ) [filter = 30s] or 2% of measurement
- Limit of detection: 20ppb (2σ) [filter = 30s]
- Update rate: 1s
- Response time: 2s (Filter = 2s), 20s (filter = 20s)
- 15,000 hour pump
- Solid state UV LED technology with 80,000 hour lifespan
- Built-in temperature & pressure compensation
- Operating temp (continuous): 5°C to +50°C
- Operating humidity (continuous non-condensing): 0% to 95%
- Humidity equalization technology
- Ozone units: ppm, mg/m³
- Temp units: K, °C, °F
- Pressure units: kPa, mbar, torr
- Flow rate: 0.5lpm (nominal); 0.2lpm (min.)
- Averaging modes: 2s-120s, 1min, 5min, 15min, 30min, 1h
- On-board data logger memory: 32000 lines of data
- Backlit LCD display
- Programmable alarm levels with alarm buzzer
- Warm up time: 1 min
- Supply: 12V DC to 24V DC or 110V AC to 220V AC
- USB or RS232 data download
- RS232, RS485 and USB serial ports
- 0-2.5V and 4-20mA analog outputs
- 2 x relays for alarm or system control
- Size: 240mm x 195mm x 90mm

Our products are trusted and utilized globally in both hospital and industrial settings.

Europe
Italy
Spain

North America
Mexico
USA

South America
Brazil
Argentina

Middle East
Israel

Africa
South Africa
Namibia
Angola
Mozambique
Democratic Republic of Congo
Malawi
Ghana
Uganda
Rwanda
Benin

Thank you for considering the UVO-10kF Ozone Analyzer as part of your product offerings.

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With its accurate UV absorption method, long-life components and versatile data recording and storage capabilities, we believe it is an excellent choice for medical and industrial ozone specialists.

To learn more about the UVO-10kF Ozone Analyzer, please visit our website or contact our sales team to request a quote. We look forward to hearing from you!