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PTM600-OZ Benchtop Ozone Analyser



Parameter

Model	PTM600-OZ
Measuring range	0-200g/Nm3
Optional ranges	0-300g/Nm3, 0-100g/Nm3, 0-50g/Nm3, 0-1000ppm
Light source life	Approx. 30,000 - 50,000 hours
Sampling method	positive pressure sampling, negative pressure sampling (optional)
Display interface	4.3" touch screen operator interface
Content interface	Ozone concentration, temperature, pressure
Auxiliary functions	Temperature compensation, pressure compensation
Display units	g/Nm3, mg/NL, %WT optional
Display resolution	0.01g/Nm3
Gas flow	0.5L ± 0.2L/min
Input pressure	<0.1 MPa
Concentration error	0.3% FS max
Linearity error	0.2% FS max
Zero point drift	<±0.3%.FS
Response time	0.03 s for signal, 0.3 s for display
Ambient temperature	-20 to 50°C
Piping connection	Quick screw (stainless steel)
Tandem sample aperture	Φ8 (8mm*6mm) (optional)
Bypass sampling aperture	Φ6 (6mm*4mm)
Communication method	RS-485
Output mode	4-20mA (active)
Relay signal	Relay signal for high alarm point, relay signal for low alarm point
Power supply	AC 110-220V
Dimensions	160mm (H) x 260mm (W) x 300mm (D);
Note	1mg/L = 1g/m3 = 467PPM.
Free warranty	24 months (mainframe sensor)

Zetron MIC500OZ Ozone Gas Concentration Analyzer



Parameter

Measuring range	0-100PPM(0-200g/Nm3,0-100g/Nm3,0-50g/Nm3,0-1000ppm can be customized)
Light source life	about 30000-50000 hours.
Sampling mode	positive pressure sampling,negative pressure sampling (optional)
Display interface	4.3 inch touch screen operation interface
Content interface	Ozone concentration,temperature,pressure
Auxiliary functions	Temperature compensation,pressure compensation
Display units	ppm,g/Nm 3,mg/NL,%WT optional
Display resolution	0.01ppm
Gas flow	0.5L±0.2L/min
nput pressure	<0.1 MPa
Concentration error	±0.5%FS
Linearity error	±0.5%Fs
Zero point drif	<±0,3%,Es
Response time	Signal 0.03 seconds
Ambient temperature	-20 to 50°C
Piping interface mode	quick screw (stainless steel)
Tandem sample caliber	8(8mm*6mm)(optional)
Communication method	RS-485
Output mode	4-20mA(active)
Relay signal	High alarm point relay signal,low alarm point relay signal
Power supply	AC 110-220V
Dimensions	230mm(H)×330mm(W)×150mm(D)
Free warranty	24 months (host)

Zetron PTM600OZ Ozone Gas Analyser



Parameter

Model	PTM600OZ
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Measuring range	0-200g/Nm3
Optional ranges	0-300g/Nm3, 0- 100g/Nm3, 0-50g/Nm3, 0- 1000ppm
Light source life	Approx. 30,000 - 50,000 hours
Sampling method	positive pressure sampling, negative pressure sampling (optional)
Display interface	4.3" touch screen operator interface
Content interface	Ozone concentration, temperature, pressure
Auxiliary functions	Temperature compensation, pressure compensation
Display units	g/Nm3, mg/NL, %WT optional
Display resolution	0.01g/Nm3
Gas flow	0.5L ± 0.2L/min
Input pressure	<0. 1 MPa
Concentration error	0.3% FS max
Linearity error	0.2% FS max
Zero point drift	<±0.3%.FS
Response time	0.03 s for signal, 0.3 s for display
Ambient temperature	-20 to 50。 C
Piping connection	Quick screw (stainless steel)
Tandem sample aperture	Φ8 (8mm*6mm) (optional)
Bypass sampling aperture	Φ6 (6mm*4mm)
Communication method	RS-485
Output mode	4-20mA (active)
Relay signal	Relay signal for high alarm point, relay signal for low alarm point
Power supply	AC 110-220V
Dimensions	160mm (H) x 260mm (W) x 300mm (D);
Note	1mg/L = 1g/m3 = 467PPM.
Free warranty	24 months (mainframe sensor)

Zetron MIC600OZ Rack-mounted ozone gas concentration analyzer



MIC600OZ Rack-mounted ozone gas concentration analyzer

The equipment adopts advanced dual-light ultraviolet light source system, equipped with intelligent management system for lamps, which can make the ultraviolet lamp enter the measurement state quickly after power on. Adopting foreign separated photocell technology, the equipment is leakage-free, high-pressure resistant, resistant to high-flow sampling, gas impact, and easy to clean. It is mainly used for continuous detection of ozone gas in various industrial environments.

Ozone analyzer with touch screen operation interface, real-time display of ozone gas concentration, with pressure and temperature compensation and display, automatic zero calibration time and manual zero calibration mode can be set. High concentration (g/Nm3) range with flow input function, real-time display of ozone generator output. With two sets of relay signal output, users can freely choose the high alarm point and low alarm point signal output connection. The core component adopts UV long life light source system with high transmittance quartz sheet to ensure the stability of the zero point and prevent the zero point drift from affecting the accuracy of the detection concentration. According to foreign light cell technology design of pressure-resistant, impact-resistant independent light cell structure, zero calibration operation gas flow, pressure, flow rate remains unchanged, to prevent the impact of airflow on the calibration of zero, without closing the ozone intake can complete the zero calibration operation, to ensure that the equipment can be 24 hours a day continuous operation.

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