Portable ozone monitor

Series 300

The Series 300 monitor is a versatile monitor with the ability to accurately measure multiple target gases at different concentrations in indoor and outdoor applications. Able to control outputs and with built-in high and low alarms the Series 300 can function in both fixed and portable mode, offering users maximum flexibility.

Specification

Measurement units	Gas: ppm or mg/m³	Humidity: % |Temperature °C or F
Reading functions	Instant, minimum, maximum, average
Sensor head	Interchangeable, replaceable, refurbish-able
Display type	LCD
Alarm features	Low alarm, high alarm, mute (configurable)
Display status indicators	Alarm, battery, sensor, standby
External signal functions	Low alarm, high alarm, control (150 mA max)
Sensor calibration features	Zero calibration, span calibration
Analog output	0-5 V
Power supply	12 V DC (power adaptor/charger supplied 100-250 V AC)
Rechargeable battery	Lithium polymer 12 V DC	2,700 mA/h (2 h charge time / 8 h run time)
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 mm; 75/8 x 4¾ x 21/8 in
Weight (with sensor head and battery)	< 460 g; < 16 oz
Environmental operating conditions	Temperature: -5 °C to 45 °C (23 °F to 113 °F); Humidity: 0 to 95% non-condensating
Temperature & humidity sensor	Range -40 °C to 124 °C (-40 °F to 255 °F); Range 0 to 100% RH
Approvals	Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992

ozonetech.
a MELLIFIQ brand

CE

Ordering information

Included	Monitor base
	LCD digital display
	Lithium battery and charger
	Zero and span adjustment
	Low and high alarm
	0-5 V output
Features	External control outputs
	High and low alarms
	Interchangeable gas sensor heads
	Easy to use and maintain
	Power adaptor/charger included
	Remote sensor capability
	Temperature and RH sensor optional (plug and play)
Sensors heads available for	Ammonia (NH_3)
	Carbon dioxide (CO_2)
	Carbon monoxide (CO)
	Hydrogen (H_2)
	Hydrogen sulphide (H_2S)
	Methane (CH_4)
	Nitrogen dioxide (NO_2)
	Non methane hydrocarbon (NMHC)
	Ozone (O_3)
	Sulphur dioxide (SO_2)
	Volatile organic compounds (VOC)
	Multi-sensor head: VOC / CO / CO_2 or CO / CO_2
Optional accessories	Remote sensor kit
	Spare battery
	Car adaptor
	Wall bracket
	Carry case

Benefits

- Very easy to use
- Fits comfortably in the hand
- Lithium battery allows a full eight hours in the field
- Audible alarm to notify ozone exceedences
- One monitor to measure 4 ranges of ozone
- Analogue output to control external devices e.g. ozone generator
- Changing sensors takes seconds and can be done anywhere
- Recalibrate sensor in the field or by returning to the factory
- Large display gives min., max. and average readings

Typical applications

- Ozone process control
- Personal exposure monitoring
- Source and leak detection
- Health and safety monitoring

CE

ozonetech.

a **MELLIFIQ** brand