



Series 300 & 500

Perc Monitor & Datalogger

Features

- Analytic GSS Technology ®
- Active sampling for accuracy
- Large easy to read display
- Fast response
- Ergonomic design
- Audible dual alarms
- External control signals
- Data logging (Series 500 only)
- Portable & wall mountable
- Interchangeable sensor heads



Specifications

Base unit (Series 300 & Series 500)

Sensor technology	Analytic GSS Technology ®
Measurement units	ppm or mg/m ³
Reading functions	Minimum / Maximum / Average / ST-15
Removable / interchangeable sensor head	Yes
Onboard alarms (high & low)	Yes - user configurable set points
Alarm mute function & status display	Yes
Sensor & battery status indicators	Yes
Stand-by mode	Yes
External signal for alarms & control	Transistor output, 150 mA max
External signal functions	Low Alarm, High Alarm & Control
Analogue output	0 - 5 V
Power supply	12 VDC, 800 mA (power adaptor supplied)
Rechargeable long-life battery	Ni-MH 9.6 VDC; 2100 mA/h
Wall mountable	Yes - use R33 wall bracket
Remote sensor capability	Yes - use R10 or R13 remote kit
Enclosure material / rating	PC & ABS / IP20 & NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 7/8 x 4 3/4 x 2 1/8 (in)
Weight (with sensor head & battery)	< 460 g; < 16 oz

Data logger (Series 500 only)

Data interface with PC	Serial RS232
Onboard datalogging capacity	4,300 data points
Datalogging direct to PC	Yes - data cable & software supplied
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992



Sensor heads

Sensor	Calibrated Range (ppm)	Accuracy	Resolution	Response Time	Ambient Operating Temperature	Ambient Operating Humidity
Perchloroethylene	0 - 200	<± 5 ppm (0 - 50); <± 10% (50 - 200)	1 ppm	< 5 s (T50)	0 - 50 °C	30 - 80% RH Non-condensating
Hydrocarbon	0 - 500	<± 10 ppm (0 - 100); <± 10% (100 - 500)	1 ppm	< 60 s (T90)	-20 - 50 °C	5 - 95% RH Non-condensating