



PIDScan™ Series

Model PIDScan 100

Portable PID monitor for VOC measurement
with humidity & temperature sensors for real-time compensation
to provide accurate PID measurements



Special Features:

- Auto-range VOC measurements
- Multi-range from 1 ppm to 10,000 ppm
- PID sensor with built-in humidity and temperature sensors on board for real-time compensation and accurate readings
- Fast response and recovery during measurement
- Ex-approved for application in hazardous environment
- Health and safety mode as standard
- Large LCD display with backlight;
- Automatic and manual data-logging feature;
- Data-download to computer via USB cable;
- Comes with free interactive user-configurable software;
- Library with more than 250+ VOCs and their response factors;
- User customized input correction factors for desired VOCs;
- Interchangeable PID lamp;
options for 9.8 eV, 10.6 eV (standard) and 11.7 eV lamp available;
- Upgraded to higher version.



Ultra perfection.

Riding on the achievements from legacy of precision
and inner functionality.

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Specification:

			PIDScan 120	PIDScan 130	PIDScan 150
Sensors	Type	Range			
	PID (10.6 eV)	0 ppm-4000 ppm	●	●	●
		0 ppm-10,000 ppm	●	●	●
		0 ppb-10,000 ppm	●	●	●
Response factor	* with Temperature and Humidity compensation on board		●	●	●
	* other lamps available on request		●	●	●
	Built-in library for up to 70 gases		●	●	●
	Gas library extended to 250+ gases		●	●	●
Datalogging	Able to edit and customize response factor to new VOCs in library		●	●	●
	User downloadable datalogger		●	●	●
Communication	PC to instrument via USB; PIDScan software for instrument configuration and data handling		●	●	●
Upgradeable	Able to upgrade to higher version of PIDScan series		●	●	●

Common specification to all:

Size	L182 mm x W90 mm (60 mm) x D52 mm	
Weight	approx. 580 g	
Measurement	LEL	%LEL or %Vol
Pump	built-in; Standard tubing length 3 m; Up to 50 m length as user options.	
Alarms	audible and visual alarm (95 dB and LEDs)	
	high alarm (adjustable)	
	low alarm (adjustable)	
	STEL and TWA alarms (adjustable)	
	additional diagnostic alarms	
	alarm and display for low battery status	
	low flow alarm	
	vibrator alarm	
Calibration	Automatic 2-point field calibration for zero and span	
Auto zero	Yes	
Battery	rechargeable Li-ion battery pack	
	drop-in charging cradle	
Operation Time	Up to 16 hours continuous operation	

Display	Large LCD 128 x 64 pixels with backlight
Keypad	Three tactile button operation
Readout	Instantaneous and simultaneous for 5 gas values
	TWA and STEL values for VOC, Toxic 1 and 2
	High and Low values for all gases
	Next calibration date
	Real-time clock
	Battery status
Tagging	Add, remove and edit tags on measurements
Op. Temperature	-20 deg C to +50 deg C
Op. Humidity	0%RH to 95%RH (non-condensing)
Approval	Ex ib d IIC T4 (pending)
IP rating	IP65
EMI/RFI	Compliance to EN 50270 (pending)
Communication	PC†

The above specifications are correct as of the time of printing, subject to changes due to on-going product improvements.

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