

ToxiPro[®] SPECIFICATIONS

Single-Gas Detector



Housing									
Weight	3.5oz (99 grams)								
Size	3.325 in. (8.44cm) x 2.19 in. (5.56 cm) x 1.16 in. (2.95 cm)								
Case Material	Clear polycarbonate with TPE overmold								
Dust and Water Resistance Rating	IP66/IP67								
Environmental Ratings									
RF Immunity	Conforms to EN 50270								
RF Emissions	Conforms to IEC 61000-6-4								
ESD Immunity	Conforms to IEC 61000-4-2								
Approvals									
	UL Class I, Div 1, Group A,B,C,D T4								
	UL Class II, Div 1, Group E,F,G								
	CSA Class I, Div 1, Group A,B,C,D T4								
	CSA Class II, Div 1, Group E,F,G								
	ATEX (DEMKO) II 1 G Ex ia IIC T4								
	IECEx Ex ia IIC T4 Ga								
	CE Mark								
	CQST (China) Ex ia IIC T4								
Backlight									
Type	Multi-color LED Backlight								
Gas Types									
Available Sensors	CO, CO-H, H ₂ S, O ₂ , SO ₂ , PH ₃ , NH ₃ , CL ₂ , HCN, NO ₂								
Alarm Levels (default)									
	CO, CO-H	H ₂ S	O ₂ %	SO ₂	CL ₂	NH ₃	NO ₂	PH ₃	HCN
Warning alarm (ppm)	35	10	23.5	2	0.5	25	1	0.3	4.7
Danger alarm (ppm)	100	20	19.5	5	1	35	5	1	4.7
TWA alarm (ppm)	35	10	na	2	0.5	25	1	0.3	4.7
STEL alarm (ppm)	100	15	na	5	1	35	1	1	4.7
Ranges									
CO	0-999								
CO-H	0-999								
H ₂ S	0-200								
SO ₂	0-100								
O ₂	0-30								
CL ₂	0-20								
NH ₃	0-100								
NO ₂	0-20								
HCN	0-100								
PH ₃	0-20								

Resolution	
CO	1 ppm
CO-H	1 ppm
H ₂ S	1 ppm
SO ₂	0.1 ppm
O ₂	0.1%/Vol
CL ₂	0.1 ppm
NH ₃	1 ppm
NO ₂	0.1 ppm
HCN	0.1 ppm
PH ₃	0.01 ppm
Battery	
Battery Life	9000 hrs.
Shelf Life	4000 hrs.
Type	Lithium Manganese Dioxide
Battery Replaceable	Yes
Reverse Battery Protection	Yes
Datalogging	
Number of sessions	up to 100
Number of Intervals	up to 8100
Number of Events	100
Blackbox datalogger	up to 8100 intervals at 1 minute Can be upgraded to a full datalogger at any time. Activation code and BioTrak PC software required.
Instrument	
Temperature range	(Continuous — storage) 0 to 110°F (-18 to 43°C)
Temperature range	(Intermittent <30 minutes; H ₂ S) -40 to 140°F (-40 to 60°C)
Temperature range	(Intermittent <30 minutes; Others) -20 to 120°F (-29 to 49°C)
Humidity Range	15 - 95% RH, non-condensing (0 - 95% RH <= 4 hours)
Alarm Sound Levels (Two Tone)	100+ dB @ 10cm

Honeywell

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