



ToxiLtd® is a high performance, full feature single gas portable that requires no ongoing maintenance during its two-year life



Tough Durable Housing

- Small, lightweight design
- Robust, shock-resistant housing

Ultra Clear Backlit Display

- Fully illuminated backlit LCD
- Easy to read with clear data display
- Continuous, real-time gas readings
- Peak, STEL and TWA readings

Effective Gas Alarm Indication

- Highly visible bright LED visual alarms (red and yellow)
- Distinctive loud two-tone audible alarm
- Vibration alarm that demands attention in high noise environments

Designed for tough environments

- IP66/67 rating
- Alarms that demand attention in all hazard locations

Low-cost Solution

- Zero maintenance required during product life
- Disposable unit with two years operational life

ToxiLtd® is a high performance, full feature single gas portable that requires no ongoing maintenance during its two-year life. Designed to deliver the most-cost effective solution to single gas monitoring, ToxiLtd® monitors CO or H₂S with maximised ease of use.



ToxiLtd® users do not need to compromise between high performance and reducing on-going costs; this device delivers a winning combination of feature-rich, easy to use performance and zero ongoing maintenance requirements.

Highly visible bright red and yellow LEDs effectively warn users of dangerous conditions, whilst the device's optional vibration alarm ensures workers are alerted to dangers even in high noise environments. ToxiLtd® is also optimised for use in the toughest locations with durable, robust housing and an IP 66/67 rating.

Providing real-time Peak, STEL and TWA readings on a clear backlit LCD display, ToxiLtd® is the ideal solution for cost-effective and simplified single gas detection.

Optional Accessories

- Replacement sensor filter
- Lanyard
- Replacement belt clip
- Replacement clothes clip
- Replacement cell phone-style swivel clip
- Manual sample draw kit (includes an adapter, probe and 10 inch tubing)
- Calibration/sample draw adapter
- Calibration adapter and FEP lined tube

General Specification



Housing		
Weight	3.4oz (96 g)	
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	
Gas types		
Available sensors	CO, H ₂ S	
Alarm levels (default)		
	CO	H₂S
Warning alarm (ppm)	35	10
Danger alarm (ppm)	100	20
TWA alarm (ppm)	35	10
STEL alarm (ppm)	35	15
Ranges		
CO	0-999	
H ₂ S	0-200	
Resolution		
CO	1 ppm	
H ₂ S	1 ppm	
Battery		
Battery life	2 yrs.	
Shelf life	6 months	
Type	Lithium Thionyl Chloride	
Datalogging		
Number of events	20	
Blackbox datalogger	up to 8100 intervals at 1 minute	
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	100+ dB @ 10cm	



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.