Portable gas detectors

MiniMeta

Minimeta Single Gas Detector

Product overview

MiniMeta is an IECEX/ATEX/EMC certified single-gas detector. It Can detect hundreds of user-selected toxic gases, user friendly and easy for operation. The battery and sensor is replaceable to provide user a long-term protection. It is designed to offer a low long-term ownership cost of a gas monitoring system.

Product Advantage

- IP68 water- and dust-resistant case
- Low power consumption with 2 years standby time, no need battery charge and calibration
- With Single /multi unit docking station to perform daily bump test and calibration (Optional)
- With event and data logging function(optional)
- With self-test function, which can improve safety by automatic self-test
- Small size, light weight and with back clip for easily carry
- 95db@30cm buzzer alarm, 2 high-bright red LED light alarm and vibration alarm
- Real time value, TWA, STEL, MAX,MIN multiple numerical display

Technical parameters

Gas Detected:	Specified according to application.
Detection Principle:	Specified according to application.
Measure range:	Specified according to application.
Resolution:	Specified according to application.
Accuracy:	≤ ±2-5%FS (depending on the specific sensor)
Response time(T90):	15-30s(depending on the specific sensor)
Principle:	Electrochemical principle
Unit:	PPM, mg/m3, %VOL
Display:	Gas name, concentration unit, measured value, battery power
Alarm mode:	Sound, light, vibration alarm, high and low alarm values can be set by yourself
Alarm type:	Low alarm, high alarm, STEL, TWA, low battery optional calibration due and bump test due
Power supply mode:	3.6V dry battery (non-rechargeable
Explosion-proof grade:	ExiaIICT4Ga
Protection class:	IP68
Executive standards:	GB 12358-2006, GB 3836.1-2010,GB 3836.4-2010, JJF1421-2013, JJF1363-2019, JJF1364-2012, JJG 365-2008, IEC 60079-0-2017, IEC 60079-11-2
Working temperature:	−20℃～55℃
Working humidity:	0-95%RH (non-condensing)
Working air pressure:	86~106kpa
Dimensions:	90*60*33mm (length*width*thickness)
Weight:	125g (With Clip)