

OdaLog[®] Logger L2

Simple and effective gas logging & monitoring!

Features & Benefits

- Purpose designed for harsh wastewater environments
 - Unique & proven robust design
 - Double o-rings
- Longer battery life
 - Single battery lasts up to 12 months
- Simplifies record management
 - Increased memory up to 42,000 data points
 - Proprietary OdaStat-E™ software
- Easy to read display
 - Large alpha-numeric display
- Faster downloading
 - True IrDA communication link
- Certified intrinsically safe
 - Safe to use in most commonly found hazardous environments
- Two different types of sensors
 - LL (Long Term) Sensor or SL (Standard) Sensor



Typical OdaLog[®] L2 Applications

- Gas monitoring in manholes, drains and pits
- Odour monitoring in sewer and streaming water
- Ventilation pipes and rising mains
- Inside sewer collection lines
- Selected areas in treatment plants
- Asset management and odour control

OdaLog® Logger L2

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Instrument Temp Range	-20° C (-4° F) to 50° C (122° F)
Sensor Temp Range	-10° C to +40° C (14°F to 104°F)
Instrument Relative Humidity Range	15-90% non-condensing
Ingress Protection	IP66/68
External Dimensions	Diameter 62mm (2.44") x Height 196mm (7.72")
Instrument Weight	420 grams / 14.8 oz
Power Supply	Replaceable C-Size Lithium Battery (approved battery type/brand/make only)
Battery Life/Run Time	Greater than 8 months (for life of lithium battery)
Data Logging Capacity	Up to 42,000 readings in total
Interval	Selectable from 1 second to 1 hour
Data Logging Duration Example	Capacity > Logging interval of 1 min = 29 days Capacity > Logging interval of 5min = 6+ months

SERVICING & WARRANTY

We recommend that the OdaLog® L2 is returned to an authorised Thermo Fisher Scientific service centre at least once every six months for a full inspection, calibration and linearity testing. 12 month warranty when used in accordance with the operator's manual (excluding calibration and freight costs).

SOFTWARE

The OdaLog® L2 needs to be used in conjunction with our proprietary software OdaStat-E™ for retrieval and analysis of all your logged data.

AVAILABLE MODELS/RANGES

MODELS / RANGES						
Model	Gas		Range	Resolution	Accuracy (Full Scale)	Accuracy (@ 20ppm gas, STP)
Long Term Logger (LL)	H2S	Hydrogen Sulphide	0-1000 ppm	1 ppm	1% Full Scale	± 2ppm
			0-200 ppm	0.1 ppm	1% Full Scale	
			0-2000 ppm	1 ppm	2% Full Scale	
Standard Logger (SL)			0-1000 ppm	1 ppm	1% Full Scale	
			0-200 ppm	0.1 ppm	1% Full Scale	
			0-50 ppm	0.1 ppm	4% Full Scale	
SL	CO	Carbon Monoxide	0-1000 ppm	1 ppm	2% Full Scale	
SL	SO2	Sulphur Dioxide	0-20 ppm	0.5 ppm	10% Full Scale	
SL	NO	Nitric Oxide	0-100 ppm	1 ppm	2% Full Scale	
SL	NO2	Nitrogen Dioxide	0-50 ppm	0.1 ppm	4% Full Scale	
SL	CL2	Chlorine	0-20 ppm	0.1 ppm	10% Full Scale	
SL	HCN	Hydrogen Cyanide	0-30 ppm	0.2 ppm	6% Full Scale	
SL	NH3	Ammonia	0-100 ppm	1 ppm	10% Full Scale	

NOTE: STP = Standard Temperature and Pressure: 20°C (68°F) @ absolute pressure 101.3 kPa (14.7 psi)

CERTIFICATION / APPROVALS

IECEXITA 08.0010
Ex ia IIC T4
(T_{AMB} = -20°C to +50°C)
IP66/68

Nemko08ATEX1270
Ex II 2 G
Ex ia IIC T4
IP66/68

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