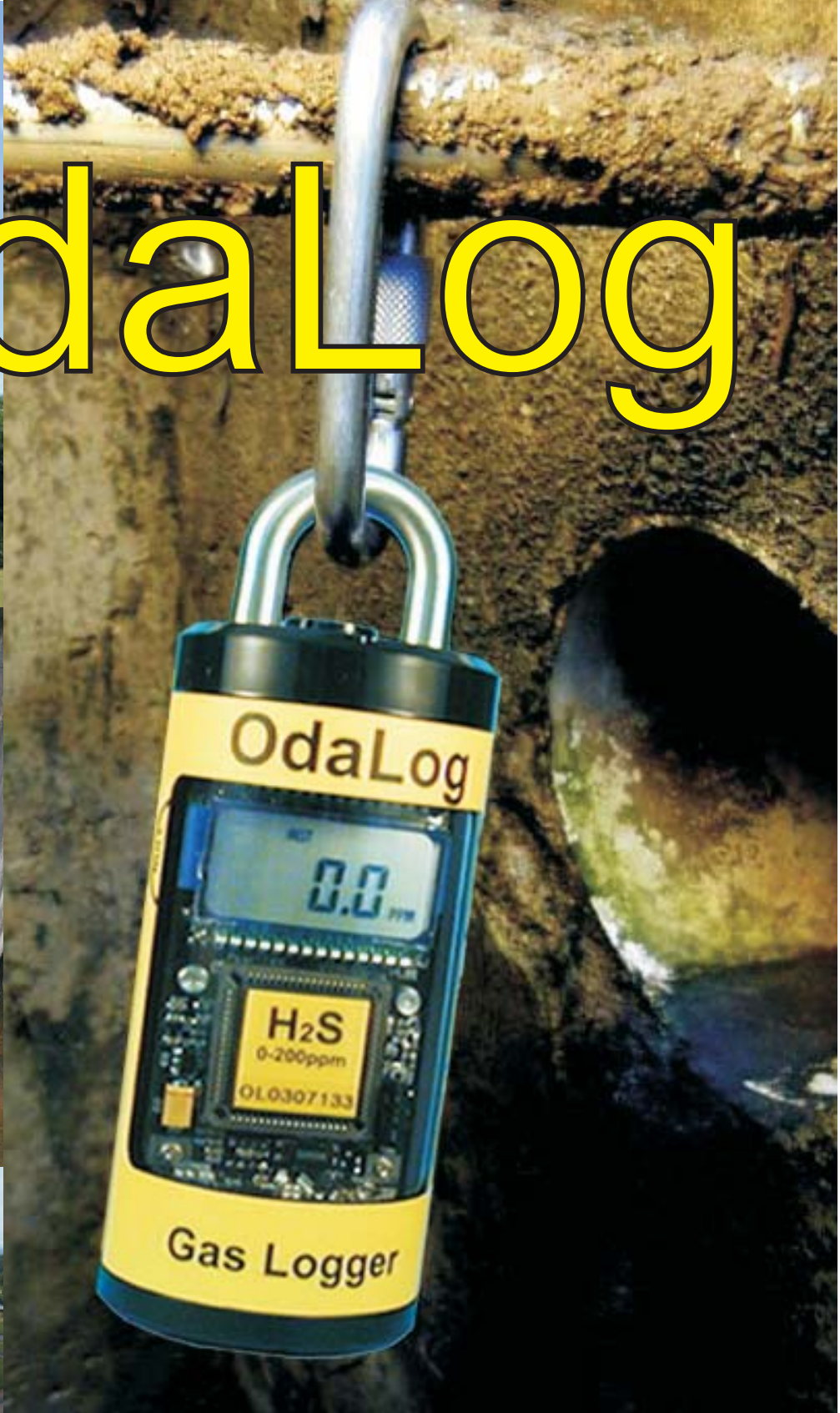
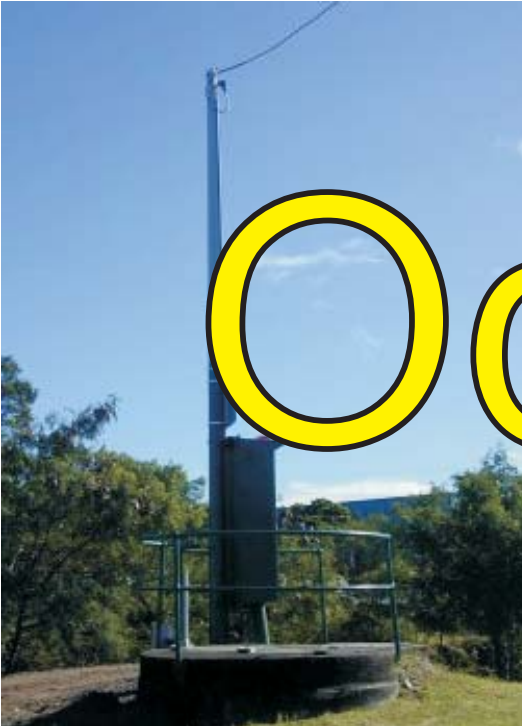


OdaLog



Gas Data Logger



FOR THE WASTEWATER INDUSTRY

PURPOSE DESIGNED

The OdaLog has been specifically designed for the Wastewater Industry, primarily for locating at or close to the source of Hydrogen Sulphide emissions such as within sewerage pumping stations and receiving manholes.

Its purpose is to log levels of H₂S in the range 0-200 ppm for later downloading of data in tabular or graphical form to highlight significant variations in H₂S levels over time.

Due to the nature of the environment in which the instrument has to operate, it has been designed to be splash resistant, robust, small, and able to log data for extended periods of time.

Clear LCD display

Shows gas reading, time of day, Temperature, battery volts, % Log used, logging interval.

Efficient battery system

Can be left unattended for over three months

High memory capacity

Can log data for over 3 months

Durable non-corrosive plastic body

Survives in harsh Wastewater environment

Automatic calibration

Easy to do "span checks" in the field

Stainless steel

Resists corrosion

Infra Red Data Link

No need to open unit to download or calibrate

Filter over sensor

Repels splashes

Double O-Ring seals

Prevent water ingress



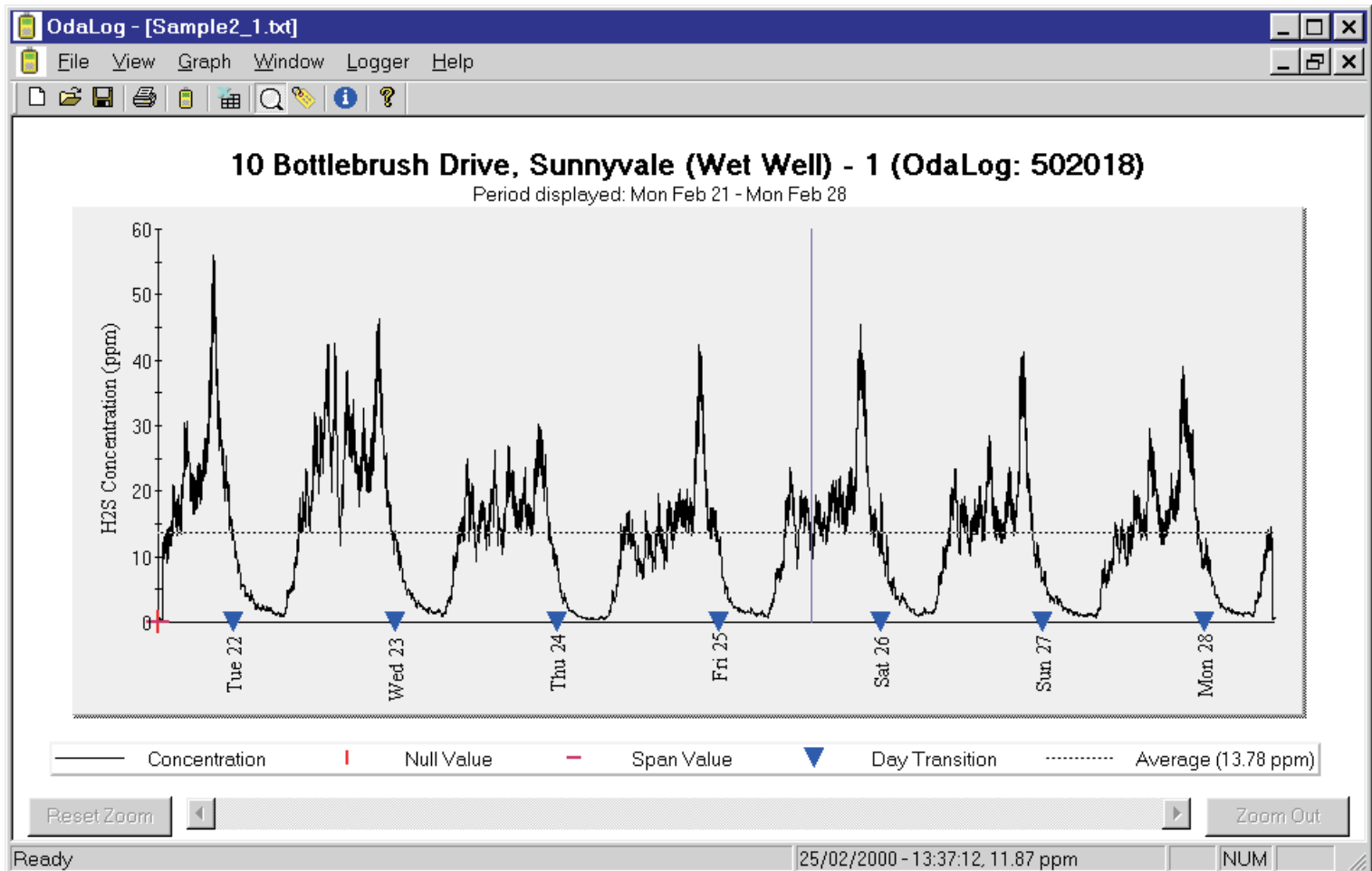
LONG TERM RECORDING



Infra-Red Link



- Displays Line Graphs
- Ability to zoom in on selected time periods
- Ability to export data to spreadsheets
- Ability to customise graphical scale and mark time intervals on X-axis
- Records OdaLog serial number on printout and allows graphs to be labelled
- Uses Infra Red Communication for downloading and configuring



32,000 logging intervals allow very detailed or very long studies e.g.

- Over 3 months at 5 minute intervals
- Over 3 weeks at 1 minute intervals
- Over 3 days at 10 second intervals

SPECIFICATIONS

SENSOR TYPE:	Electrochemical Hydrogen Sulphide
MAX RANGE:	0 to 999.9 ppm
STD RANGE:	0 to 200.0 ppm
ACCURACY AT STP:	+/- 1.0 ppm
RESOLUTION:	0.1 ppm
RESPONSE TIME:	T90 < 60 seconds
PRESSURE RANGE:	Atmospheric +/- 10%
RELATIVE HUMIDITY RANGE:	15 to 90% (non-condensing)
LCD DISPLAY:	00.0 to 999.9
INSTRUMENT TEMP RANGE:	-10 C to +40 C
EXTERNAL DIMENSIONS:	165mm x 62mm Dia
INSTRUMENT WEIGHT:	450 grams

POWER SUPPLY

BATTERY :	3 x 1.5V AA Alkaline Batteries or 1 x 3.6V Lithium Battery (1-136 or 1-137)
BATTERY LIFE:	Alkaline Batteries Over 3 Months or Lithium Battery Over 6 Months

DATA LOGGER

MEMORY CAPACITY:	32,000 Readings
LOGGING INTERVAL:	Selectable from 1 second to 1 hour (e.g.) 1 min interval logs for 22 days, 5 min interval logs for over 3 mths

Approvals

INTRINSIC SAFETY:	Standards Australia AUS Ex 2478X, certified to: Ex ia I/IIC T4 IP66/67 NEMKO 03 ATEX134, certified to: I M2 / II 2 GD, EEx ia I/IIC T4 IP66/67
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ELECTROMAGNETIC COMPATIBILITY:	The OdaLog Type I and accessories have been tested and conform to the requirements of C-Tick, CE & FCC.
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SERVICING

We recommend that the OdaLog is returned to an authorised App-Tek service centre at least once every six months for a full inspection, software upgrade as developed, calibration, test for linearity and to have new batteries fitted.

WARRANTY

12 month warranty when used in accordance with operation manual (excluding calibration & freight costs).

Authorised Distributor



Manufactured By



ABN 28 089 678 339

Address:
Unit 13/6 Pinnacle Street Brendale Queensland Australia 4500
P.O.Box 5523 Brendale Queensland Australia 4500

Web Page:
<http://www.odalog.com>

In the interest of continued improvement, we reserve the right to change design features without prior notice.