

# NEBULA GAS PRO

## Dock-able, Single-Gas Monitor with Data-link and Hand Pump, Specifically for Cattle & Livestock Research Establishments



Built to the highest quality and reliability standards, this instrument provides more features than any other single gas monitor available. Interchangeable “smart” sensors enable the Instrument to be quickly adapted to monitor levels of hydrogen *especially suited to cattle livestock research establishments.*

The instrument communicates directly with a Data-Link device via an infrared interface. An infrared printer could be *used to further simplify and automate calibration, function (bump) testing and data downloading.*

Standard STEL and TWA readings, and data-logging of up to one year of survey data are featured along with an event-logger that *records the past 15 alarm events.*

Housed in a rugged enclosure, the monitor is *immune to RF; Is water resistant* and extremely durable.

A protective concussion-proof over-mould protects the unit from extreme abuse in a variety of harsh industrial environments. It's simple and intuitive four-button navigation allows *easy access to setup, operation and calibration functions.*

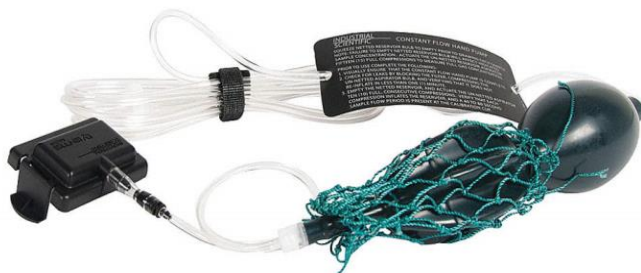
### The Nebula Gas Pro Data Link

- **INCLUDED** with the Instrument's system package
- Instantly downloads alarm events and instrument details
- Quickly and easily configures instrument preferences



### The Nebula Gas Pro Hand Pump

- **INCLUDED** with the Instrument's system package
- For Sampling procedures



### Features

- “smart” H<sub>2</sub> sensor monitor
- One year data-logging capacity (minimum)
- Standard STEL and TWA
- **Includes** Data-Link
- **Includes** Hand Pump
- **Includes** a Disposable Hydrophobic Filter
- Configuration designed **specifically** for cattle livestock research establishments
- **Gas measurement source** is from sample bags **not** livestock direct

### Benefits

- **Best Value solution** when compared to any other all-in-one analyser with built-in pump, that will cost 400%+ more
- **Complete** and ready-to-use
- **No extras** required
- **Best price-performance** ratio available
- **Fully supported** by ADC Spares for maintenance, parts and consumables



## Technical Specification

Criteria	Specification
Case:	Rugged, water-resistant polycarbonate shell with protective concussion-proof over-mould. RFI resistant.
Dimensions:	9.4 cm x 5.08 mm x 2.79 mm (3.7" x 2" x 1.1" )
Weight:	85 g (3 oz.) for Nebula Gas Pro
Sensor:	H <sub>2</sub> (others available on request)
Measuring Range:	0-2,000 ppm in 1 ppm increments
Display:	Custom LCD with graphical icons for easy use Segmented display for direct gas readings Backlight for low light conditions "Go/No Go" display mode Peak reading indication
Alarms:	User selectable low and high alarms Ultra-bright LEDs, loud audible alarm (95 dB) and vibrating alarm
Battery Run-Time:	User replaceable 3V, CR2 Lithium battery, 2,600 hour run time, typical
Data Logger:	1-year continuous storage of data
Event Logging:	Continually on Logs last 15 alarm events, stamping how long ago the event occurred, the duration of the event, and the peak reading seen during the event. Event-logger can be viewed on PC or printed directly from the instrument to an infrared printer
Temperature Range:	-40° to 60°C (-40° to 140°F), typical
Humidity Range:	0-99% RH (non-condensing), typical
IP Rating:	Third-party certified IP64
Certifications:	UL/cUL: Class I, Groups A,B,C,D T4; Class II, Groups E,F,G; Class I, Zone 0, AEx ia IIC T4 CSA: Class I, Groups A B C D T4; Ex ia IIC T4 ATEX: Ex ia I/Ex ia IIC T4; Equipment Group and Category: I M1/II 1G IECEX: Ex ia I/IIC T4 ANZEx: Ex ia I/IIC T4 INMETRO: Ex ia I Ma; Ex ia IIC T4 Ga China EX: Ex ia I/IIC T4 KOSHA: Ex ia I/IIC T4
Configuration:	Nebula Gas Pro - Hydrogen (H <sub>2</sub> )
Accessories INCLUDED:	Nebula Gas Pro Data Link, Hand Pump and Hydrophobic Filter



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