

WELD PURGE MONITOR®

PurgEye® 500 Desk

With PurgeNet™



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The **Argweld® PurgEye® 500 Desk with PurgeNet™** is a very much upgraded version of the former PurgEye® 500.

PurgeNet™ allows accessories to be added in series with the Weld Purge Monitor® to allow control of a welding cycle based upon weld purging conditions.

Accessories include:

- An interface for all automatic welding systems, to give stop go commands based on oxygen levels.
- A warning light accessory that is visible from long distances.
- A Dew Point Monitor.
- A temperature gauge connected with the purging cycle to allow control of gas according to interpass temperature

The **PurgEye® 500 Desk** will display oxygen readings down to 1 ppm and will give the highest industry accuracy readings down to 10 ppm.

As before, this model has an integral electro-mechanical pump for drawing gas samples across the sensor to provide accurate readings and consistent values for the automatic welding systems and other accessories. **PurgeLog™** software is provided with the monitor for data capture to allow a print out of all weld purge results providing quality control certification for each weld.

This model is ideal for critical welds on materials such as stainless, duplex and chrome steels, titanium, zirconium and nickel alloys. It can be used for joints made in welding chambers and **Flexible Welding Enclosures®** as well as for orbital welding applications and for use with pipe weld purging systems.

This rugged, HF proof instrument measures and clearly indicates actual oxygen levels from 1000 down to 1 ppm (highly accurate to 10ppm).

The unit is menu driven by two of the four buttons on the front panel and it has an internal alarm with high and low points for oxygen level that can be set with the other two buttons.

The long life zirconia sensor has very little maintenance requirement and saves the constant bi-annual changing of "wet cells" that are used in other oxygen measuring systems.

In addition, the low cost of maintenance and the fast turnaround makes your choice of an HFT® purpose designed Weld Purge Monitor® a much better financial investment over one of the 'Badged' alternative oxygen monitors.

PurgeLog™ software package is included for connecting to a computer for storing and printing results and graphs for quality control purposes.

FEATURES

- **PurgeNet™** connector for smart accessories.
- Designed to monitor with the sample pump running continuously.
- Provided with a UK power lead with a fused plug and a series of adaptors for connection to all other single phase systems.
- Reads PPM or Percentage.
- Operation from a single phase mains supply, 90/260 v, 50 or 60 Hz.
- Faster sensor response.
- OLED screen.

SPECIFICATIONS

- The unit is supplied with an external 12 V Power Supply Unit (PSU) with an input voltage range of 90 to 260 AC.
- PurgeLog™ data logging software* included.
- PurgeNet™ facility for accessories, to control Orbital Welding Machines or other automatic or semi automatic welding systems, remote warning systems either visual or audible, dew point meters and so on.



- Readings accurately displayed in ppm or percentage.
- Power consumption 18 W.
- Instrument dimensions: 145 x 190 x 70 mm.
- Range: 1000 - 1 ppm.
- Accuracy: $\pm 2\%$ of scale reading.
- Pump flow rate: 3.5 - 4 l/m.
- 150 mm of green tube with filter supplied.

* PurgeLog™ Data Logging Software requires a PC running a minimum of Microsoft® Windows 95/98/XP or NT4.

Highly improved shielding against all sources of HF, RF and EMF radiation. Tested and approved in the harshest of welding environments.

CASE for PURGEYE® 500 DESK WELD PURGE MONITOR®

This storage carrying case is manufactured from rigid ABS allowing for maximum protection of PurgeEye® Desk Weld Purge Monitors®.

There is an integrated specially cut section in the lid to allow the manual and any other important documentation to be stored.

This case is ideal for storage and retrieval of PurgeEye® 500 Desk Weld Purge Monitors® in workshop

SHIPPING INFORMATION

Dimensions:	385 x 330 x 100 mm
Nett weight:	2.2 kg
Gross weight:	2.7 kg
Volumetric weight:	2.5 kg

