PurgEye® 300 Nano

An accurate "Eye" on your Money

The Argweld® **PurgEye® 300 Nano** is an ultra low cost entry level **Weld Purge Monitor®** that measures and clearly indicates actual oxygen levels from 1000 parts per million (ppm) right down to 1 ppm on a large alpha numeric display.

There are no knobs, no switches, no controls, making this a really simple 'plug and play' instrument.

A unique new low cost long life sensor is used, that has the capacity to measure oxygen down to 1 ppm. Sensor warm up time is less than 60 seconds. Readings are exceptionally accurate down to 10 ppm.

The **PurgEye® 300 Nano** avoids the disadvantages of monitors with 'wet cell' technology that have to be constantly calibrated and have sensors replaced.

The **PurgEye® 300 Nano** can be used as a calibration check instrument for other **Weld Purge Monitors®** in use as well as for oxygen monitors that may be used for weld purging. In addition, the instrument can be used to check purge gas quality and whether there are leaks of air into purging hose connections anywhere in the system.

PurgEye®, a complete family of Weld Purge Monitors®

FEATURES

- Small, light and inexpensive compared to more sophisticated instruments with this range of measurement.
- Integrally mounted sensor shielded against electrical interference.
- Specifically developed for weld purging of high quality weld joints where pristine purging techniques are used.
- Suitable for all aseptic, hygienic and clean-in-place welds.
- Low repair, refurbishment and recalibration costs.
- Operation with orbital welders, tube and pipe welding as well as for all welding enclosures, chambers and boxes.
- Ideal for welding stainless steel in high purity and ultra clean applications, as well as recommended for titanium, zirconium, niobium and nickel alloy welding.
- No pump, no moving parts to fail.
- AC 110/230 single phase operation.
- International electrical standards and connectors
- Ultra low cost.

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The Argweld® **PurgEye® 300 Nano** has secure 'leak tight' connectors for weld purge hoses.

Also, the instrument can be used with optional accessory hand pump and gas sampling probe.

SPECIFICATION

- Operating voltage 110/230 V single phase 50/60Hz, the unit uses an external 12 V PSU with an input voltage range of AC 90 to 260 which is included.
- Less then 60 seconds warm up time.
- Readings accurately displayed in ppm.
- Power consumption 18W.
- Range: 1000 - 1 ppm.
- Accuracy: ± 2% of scale reading.
- 40 cm of red tube.
- 1 metre of green tube.

FAMILY RANGE of WELD PURGE MONITORS®

The family range includes the following models:

- **PurgEye® 100 IP65** which is our most popular instrument worldwide. This is a portable, battery operated, general purpose instrument for use in workshops as well as on construction sites for all tube and pipework, as well as for chamber purging and basic testing of weld purge gas supplies.

- **PurgEye® 200 IP65** with PurgeNet™ new rechargeable battery powered measuring down to 10 ppm.

- **PurgEye® 300 Nano** as per this brochure.

- **PurgEye® 500 Desk** with PurgeNet™ like the 300 with an integral pump as well.

- **PurgEye® 600** 'All in one' Computerised Colour Touch Screen with wireless USB download of recorded data from 1000 ppm down to 10 ppm.

- **PurgEye® 1000 Remote** with PurgeNet™ The 10 ppm sensing head can monitor up to 1 km away.

- **PurgEye® 1500 Site** with PurgeNet™ IP65 rated with the lid open, IP68 with lid closed. Flow detection for accurate reading of gas samples. Integral pump.

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Other HFT® Weld Purging Products

Argweld® Inflatable Tube Pipe & Pipeline Weld Purging Systems
Argweld® PurgEye® Weld Purge Monitors®
Argweld® Weld Purge Film® & Weld Purge Super Adhesive®
Argweld® Weld Backing Tape™ & Weld Purge Tape™
Argweld® Weld Trailing Shields®
Argweld® Flexible Welding Enclosures®
Argweld® Weld Purge Plugs™ & Orbital Welding Plugs
Techweld® MultiStrike® Tungsten Electrodes

Our HFT Pipestoppers® Division

Nylon, Aluminium, Steel and Rubber Pipe Plugs and Inflatable Stoppers