

# WELD PURGE MONITOR<sup>®</sup>

## PurgEye<sup>®</sup> 1000 Remote

### Frequently Asked Questions

with PurgeNet<sup>™</sup>

**1. What sort of sensor is used in the Argweld<sup>®</sup> PurgEye<sup>®</sup> 1000 Remote Weld Purge Monitor<sup>®</sup>?**

The Argweld<sup>®</sup> PurgEye<sup>®</sup> 1000 Remote Weld Purge Monitor<sup>®</sup> uses a solid state sensor of a unique design.

It is very much lower in cost and has a faster reaction time than other sensors and has a long life.

**2. What is the intended application for the Argweld<sup>®</sup> PurgEye<sup>®</sup> 1000 Remote Weld Purge Monitor<sup>®</sup>?**

The Argweld<sup>®</sup> PurgEye<sup>®</sup> 1000 Remote Weld Purge Monitor<sup>®</sup> allows the sensing head to be placed up to 1 km away from the instrument so that readings from inside a pipeline or pipe fabrication directly at the joint can be taken.

**3. Is the Argweld<sup>®</sup> PurgEye<sup>®</sup> 1000 Remote Weld Purge Monitor<sup>®</sup> sensitive to electrical disturbances?**

Each instrument has shielding to prevent most forms of interference.

Quality Control Test and Inspection criteria are designed to account for as many variables as possible.

It is extremely rare that electrical interference will affect the monitor.

**4. My Company needs a Calibration Certificate once a year for all instruments. How do I obtain one?**

Huntingdon Fusion Techniques HFT<sup>®</sup> has a recalibration facility. Contact us or your nearest distributor for pricing. Your instrument will be sent to us, we will re-calibrate it and return it with a certificate within a few days.

**5. What is the minimum pipe size in which the sensor head can be used ?**

1" (25 mm) diameter.

**6. What is the sensor head housing made from?**

Stainless Steel.

**7. Do I need to fix the sensing head to the purging system?**

Huntingdon Fusion Techniques HFT<sup>®</sup> can supply fixtures for the head to be mounted in a stable fashion to any kind of mechanical or inflatable pipe purging system.

**8. What is inside the sensor head?**

Sensor head contains an electro-mechanical pump to ensure a steady flow of exhaust gas across the sensor for stable measurement purposes.

**9. Can Weld Purge Monitors<sup>®</sup> only be used when purging with argon?**

The PurgEye<sup>®</sup> Weld Purge Monitors<sup>®</sup> measure the oxygen level within any gas, not only inert gases. They can be used to monitor the oxygen level when using inert gases such as argon and helium and also non-inert gases including nitrogen and nitrogen/hydrogen mixes.

**10. What is PurgeNet<sup>™</sup>?**

PurgeNet<sup>™</sup> controls the welding power sources such as orbital welders and any other automatic welding systems to switch on and off according to oxygen levels, transferring data easily with the ability to link to external devices.