



When welding joints in long tube lines or pipeline sections, it is often not possible or practical to measure the purge gas exhaust close to the weld.

HFT® has developed an answer to this difficulty, namely a remote sensing head that can be fitted onto the purging system, directly at the weld location and moved from joint to joint. The new, fast response zirconia oxygen sensor will measure oxygen level in the purge gas and transmit the information electronically to the monitor up to 1 km away.

In this way, the operator can be certain that the weld purge reading is correct and that the joint will not be adversely affected by oxidation.

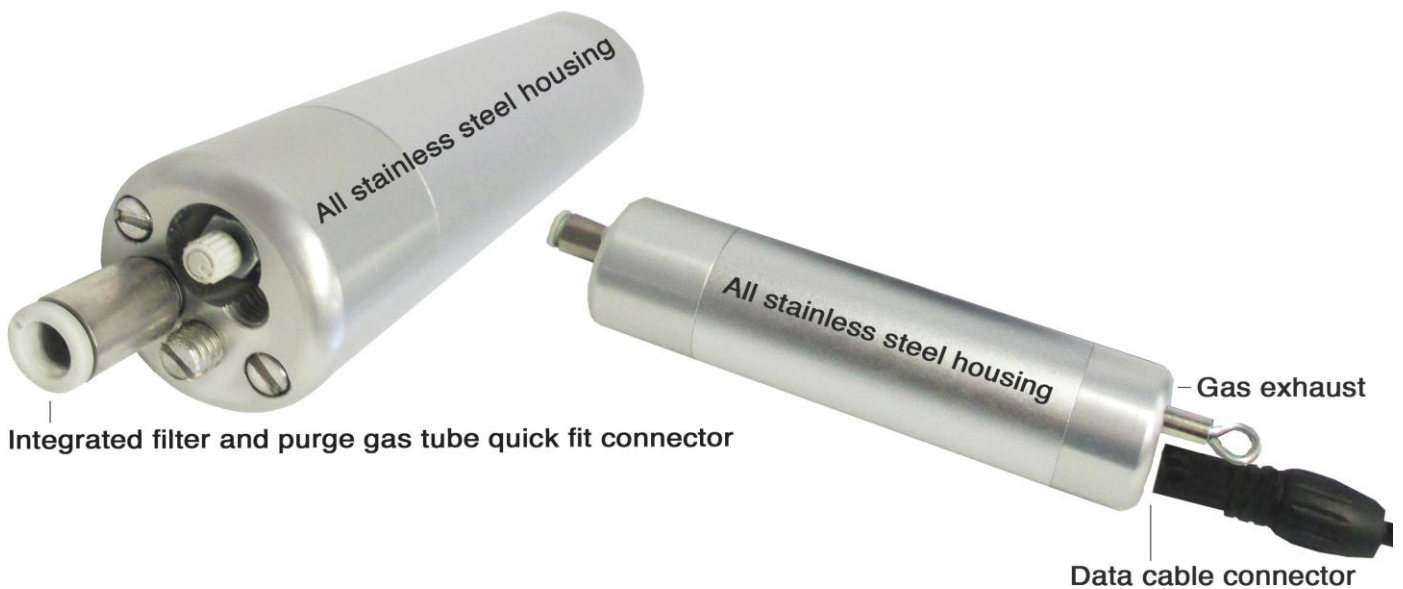
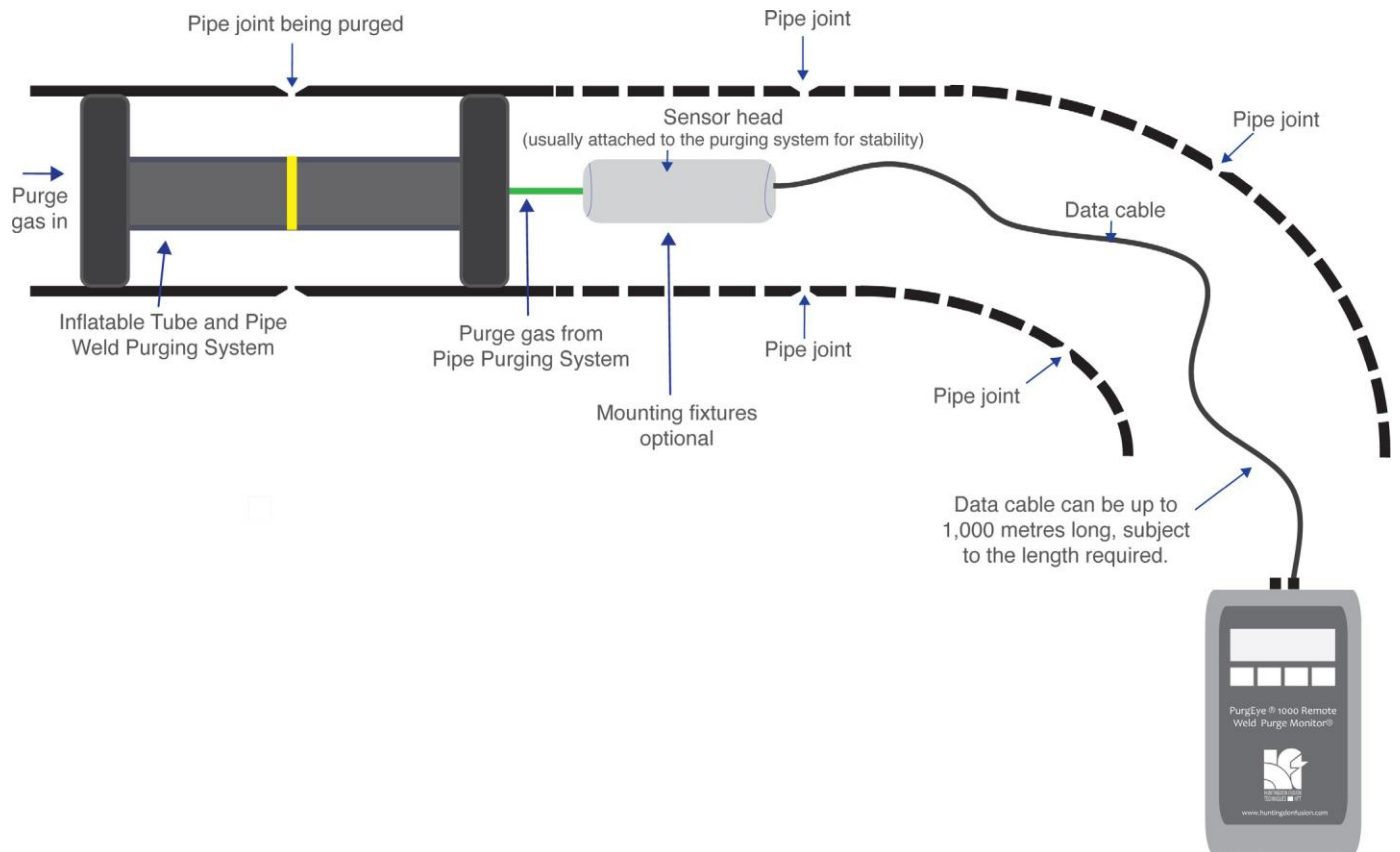
The exhaust purge gas, from the Weld Purging System, flows through tube **A** and is measured by the remote sensing unit **B** which sends the result electronically back to the display unit **C**, via data cable **D**. (See above picture, photo and diagram on page 2).

The sensing head **B** can be supplied with mounting fixtures so that it can be fitted to an internal pipe clamp with purging seals or to any other type of mechanical or inflatable pipe purging system.

**Portable 'handy' Weld Purge Monitor® to read from 1000 ppm down to 1 ppm, highly accurate down to 10 ppm.**

**A distant 'Eye' on the Purge up to 1 km away!**

**PurgEye® 1000 sensor head fitted with internal electro mechanical pump to draw gas sample from purge system exhaust to sensing head.**





Portable 'handy' Weld Purge Monitor® to read from 1000 ppm down to 1 ppm, accurate to 10 ppm.

Variable length data cable from 10 to 1,000 metres depending upon requirements.

#### Accessories for use with PurgeNet™ is the Visual Alarm Indicator

- Diameter 40 mm.
- Mounted height 165 mm.
- Standard part with optional green light.
- Fixing nut.



Electro mechanical purge **gas sampling pump** is mounted inside the hermetically sealed stainless steel sensing head and powered by the data cable from the display unit.

Pump runs continuously. Pump symbol moves when pump is running.

#### Spares and Accessories

- 100 m Reel Outdoor Cable with locking connector, reels of extension cable can be connected together to make longer lengths as required up to 1 km.
- Sturdy protective storage carrying and presentation case.
- Sample tube set with filter.
- Filters (pack of 10).





**ARGWELD® PURGEYE® FAMILY RANGE OF WELD PURGE MONITORS®**

Huntingdon Fusion Techniques HFT® is the only company to have a complete 'Family' Series of Weld Purge Monitors®. Pioneering the way in weld purging technology where real science has been used to create a family range to suit all weld purging, purity levels and budgets.

**The PurgEye® 'Family' series includes:**

- **PurgEye® 100 IP65** for levels from 20.94% to 0.01% (100 ppm).
- **PurgEye® 200 IP65** with PurgeNet™ battery or mains with flow detection for accurate reading of gas samples.
- **PurgEye® 300 Nano** low cost entry level model for 1000 to 10 ppm.
- **PurgEye® Desk** with PurgeNet™ like the 300 and including an integral pump.
- **PurgEye® 600 Touch** fully computerised colour touch screen model with wireless USB download of recorded data from 1000 ppm down to 10 ppm.
- **PurgEye® 1000 Remote** with PurgeNet™, Remote Weld Purge Monitor®. The 10 ppm sensing head can monitor up to 1 km away.

