**­Press release**

**For immediate release**

**Monitor your Weld Purge at a Low Cost**

Weld Purge Monitors® are essential instruments to help obtain non-oxidised, zero colour welds. By measuring the oxygen content before, during and after welding, high quality welds are achieved when welding metals such as stainless, chrome and duplex steels as well as titanium and nickel alloys.

Advancing in the science of manufacturing beyond other designs, Huntingdon Fusion Techniques HFT®’s market leading PurgEye® 100 can help to eliminate the significant post weld cleaning costs that occur when the oxygen level has not been monitored correctly during welding.

Ron Sewell, Chairman for HFT® said: “We recently had a European Gas Turbine Manufacturer who was spending a lot of time and money cleaning oxidised stainless steel welds. They were using an unsuitable means to guess the reduction of oxygen.

They contacted one of our Exclusive Distributors, who were able to visit them onsite and demonstrate the PurgEye® 100. This low cost monitor accurately measures from atmospheric level (20.94%) down to 100 parts per million (ppm), meaning the welder knows exactly when to commence welding in order to achieve a perfect weld every time.”

The PurgEye® 100 is IP65 rated and comes with innovative leak-tight push buttons, auto calibration features, vacuum-sealed leak-tight probe assembly, wrist/neck strap and tripod mount.

The extra long life sensor provides approximately 18 months life before it requires changing. A low sensor indicator will appear on the screen, warning that a new sensor is required. Once that icon appears, it provides the user with adequate time to obtain a new sensor, which can be fitted like changing a battery and the monitor can be re-calibrated easily by the user.

The PurgEye® 100 has a clear, easy to read LCD screen, with a 24 mm high display. The display also shows a low battery icon. When the monitor is not in use, an automatic sleep mode activates to conserve battery life.

The Weld Purge Monitor® was invented by HFT® in the 1970’s and with over 40 years of innovation, design and manufacturing experience, the company now has a Family of PurgEye® Weld Purge Monitors® to measure oxygen levels from atmospheric content (20.94%) down to 1 ppm (accurate to 10 ppm).

PurgEye® 100 video can be viewed at: <https://youtu.be/quw_xtSZDAw>

Huntingdon Fusion Techniques HFT® have a Worldwide Exclusive Distributor network, which can be found at [www.huntingdonfusion.com](http://www.huntingdonfusion.com).

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For further information, please contact:   
Michaela Reay, Marketing Associate  
Huntingdon Fusion Techniques HFT®  
+44 (0) 1554 836836  
Press: michaelareay@huntingdonfusion.com  
Sales: hft@huntingdonfusion.com  
[www.huntingdonfusion.com](http://www.huntingdonfusion.com)

Notes to Editors:

Huntingdon Fusion Techniques HFT® are Weld Purging Innovators, Designers and Manufacturers with offices located globally.

Huntingdon Fusion Techniques HFT® invented the ‘Weld Purge Monitor®’ in 1975 and own all international intellectual property rights and registered trademarks.

Weld purging is the act of removing, from the vicinity of the joint, oxygen, water vapour and any other gases or vapours that might be harmful to a welding joint. Such gases may combine with the metal to form undesirable compounds that may reduce corrosion resistance or may be instrumental in creating cracks or other structural defects in metals.