

Press Release:

We Have The Key to Your Perfect Weld

For the first time, a unique Weld Purge Monitor® Gas Detection and Analysing Instrument has been designed and developed that reads from atmospheric level of oxygen down to one part per million (ppm), breaking all technological boundaries in one instrument.

Huntingdon Fusion Techniques Limited HFT® continues to grow its innovation of Weld Purge Monitors® that were designed and manufactured 40 years ago this September.

The PurgEye® 600 incorporates the features and benefits of all the other Weld Purge Monitor® designs in the HFT® Family Range, but for the first time, this one instrument has a full range of measurement reading from atmospheric concentration (20.94%), down to 1 ppm, accurate to 10 ppm. Readings are indicated either as parts per million or in percentage.

Using ground breaking technology, the PurgEye® 600 has a life time sensor that won't need replacing or recalibrating. This high level, advanced instrument has been designed with a large, full colour touch screen (3.2"/ 81 mm) and on-screen graph of the oxygen levels during the welding process.

USB data logging capability allows the operator the ease of data transfer without the need for a computer connection. The stable, accurate results can be downloaded for each weld, which is read using the PurgeLog™ Data Logging Software.

Not only has HFT® been able to achieve these terrific world beating features, they have also included an internal sampling pump with gas filtration, which means there is no requirement for an external hand pump.

Quick fit / disconnect, leak tight purge tube fittings are manufactured as standard on the PurgEye® 600. In addition, control alarms will activate in the event of rising oxygen levels.

The PurgEye® 600 Weld Purge Monitor® Gas Detection and Analysing Instrument is ideal for industries such as aerospace, pharmaceutical and food and drink, as well as many others where oxide free, zero colour welds have to be achieved and where traceability is a major advantage for the requirements of high-end Quality Control systems.

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