

Pipe Purging Specialist and Weld Purging Expert

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For over 40 years, **Huntingdon Fusion Techniques HFT®** has been recognised as an **International Welding** and **Weld Purging leader**, designer and manufacturer in **Weld Purging Technology**, **Welding Products**, **Weld Purge Monitoring** (oxygen monitoring), **Tube and Pipe Weld Purging Systems** and all other areas of **Purge Welding** (Back Purging).

Engineered using our metallurgy experience, scientific knowledge and ever advancing technical expertise, our Weld Purging (Back Purge) Products are designed to the highest quality level, guaranteed to help you achieve those sought after oxide free, zero colour welds time after time.



Here at Huntingdon Fusion Techniques HFT®, we are proud to provide Worldwide customer support, cost effective solutions, qualified technical advice and quality weld purging products, Pipestoppers and Tungsten Electrodes for achieving ultra clean welds produced in a well purged environment available through our **Worldwide Exclusive Distributor Network**.

Winners of the 2016 Welding World Award for Best New Welding Product Supplier for our handy **PurgEye® 100 Weld Purge Monitor®**, the Complete Family Range of Weld Purge Monitors® is considered vital to the tube and pipe sector where traceability is now becoming a critical issue. Our range of **Weld Purge Monitors®** is designed to meet any requirement, measuring oxygen levels ranging from atmospheric content, down to as low as 1 parts per million (ppm), at which point no discolouration in welds should occur.

Our **PurgEye® Weld Purge Monitors®** (Portable Weld Purge Trace PPM Oxygen Analyzers) have been designed and manufactured with scientific knowledge, specifically for welding, as **Oxygen Monitors**, **Oxygen Analyzers** and **Gas Analyzers** are not accurate enough for weld purging. Achieving zero colour welds ensures the elimination of post-weld cleaning costs, which can be very high and in those cases making the cost of each weld ultra significant.

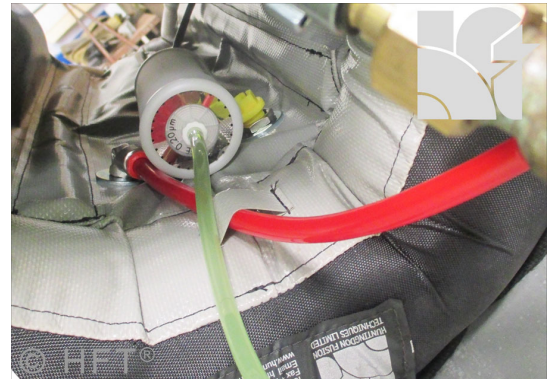


Equally, the **HFT® Family Range of Tube, Pipe and Pipeline Inflatable Weld Purging Systems** and **Weld Purge Dams (purge bladders)** are considered absolutely vital to the welding industry for metals such as chrome steels, stainless steel, duplex steels, titanium, zirconium and nickel alloys, reducing time and money in backing gas costs, producing rapid purging times.

Huntingdon Fusion Techniques HFT® can ensure all Weld Purging applications of tubes, pipes, flat sheet and plate are tailored for, whether using Water Soluble Weld Purge Film®, **Weld Trailing Shields®**, **Weld Backing Tape®**, **Weld Purge Plugs™**, **Weld Purge Monitors®** etc.

Rigid Welding Chambers are a thing of the past with the introduction of our innovative **Flexible Welding Enclosures**®. In use throughout the World for welding stainless steel, duplex steel, zirconium, nickel alloy and titanium parts, including for British Airways, these replacement for TIG Welding Chambers are low cost, flexible, transportable and suitable for **WAAM Additive Manufacturing**. Our Flexible Welding Enclosures® are also in use within the racecar and titanium bike manufactures, replacing out of date Argon Welding Chambers.

All of our products are manufactured to internationally recognised standards following fully accredited quality control procedures. Leading fabricators across the globe rely on our products for the welding of stainless steel, titanium and other corrosion-resistant metals. Eliminating the requirement of **Oxygen Monitors** or **Oxygen Analyzers**, whether you're in the construction, aerospace, oil and gas, petrochemical, dairy, food and beverage, racecar, titanium bike manufacturers or any other process industry.



Reducing the risk posed to health, our **MultiStrike**®, non radio-toxic Tungsten Electrodes have total traceability, with 10 times the number of arc strikes over thoriated tungsten electrodes under the same conditions, you get superior tungsten electrodes without the increased costs.

Our **Pipestoppers**® **Division** has a vast amount of expertise in the field of **pipe plugging** and **stopping** using mechanical, inflatable and freeze plugging techniques. Our customer base includes: plumbing, maritime, automotive radiator repair and weld purging. We have a remotely operated freeze system that is ideal for nuclear work with minimum exposure. We have a range of mechanical pipe plugs and inflatable stoppers to block exits, holes, ends, branches and more starting at 0.5" (12 mm) right up to large diameter stoppers for pipes up to 108" (3 m) diameter.

Recognised for our Worldwide customer support, **Purge Chambers**, **Pipe Purging**, **Weld Purging** and **Ice Plug Freezing** expertise we have highly trained teams and specialists across the globe. With Weld Purging and Pipe Plugging training courses available on-site or at our HQ, we are able to bring our technical knowhow to you, wherever you are in the World.



We have offices and branches stretching across all five continents and are able to provide all **Tube and Pipe Purging Systems**, **Weld Purge Monitors**® and **Weld Purging Accessories** necessary for achieving those perfect clean, bright, oxide free welds using a dense ring purge of gas, fast back purge methods and rapid purge times.

Huntingdon Fusion Techniques HFT® invented the Weld Purge Monitor® and own all international intellectual property rights and registered trademarks, along with Argweld®, PurgEye®, PurgElite®, QuickPurge®, HotPurge®, IntaCal®, RootGlo®, PurgeGate®, MultiStrike® Tungsten Electrodes, Weld Purge Monitors®, Weld Trailing Shields®, Flexible Welding Enclosures®, Weld Purge Film®, Weld Purge Super Adhesive®, Weld Backing Tape®, Weld Purge Tape™ and Weld Purge Plugs™, Pipestoppers®.

Huntingdon Fusion Techniques HFT® are proud to be the **World Leading Innovator, Designer and Manufacturer** in the field of **Tube, Pipe and Pipeline Weld Purging Equipment, Weld Purging Products, Weld Purge Monitoring**®, **Weld Purging Technology** and **Welding Equipment**. All of our **Weld Purge Monitors**® and **Inflatable Tube, Pipe and Pipeline Weld Purging Systems** are manufactured in the UK! With scientific knowledge and research invested in each of our products. We do not save on quality. You can be sure to achieve perfect welds, time and time again.

