

Press Release

Purgextra™ Pipe Weld Purging System

For producing zero colour, non oxidised weld roots, PurgExtra™ is the latest weld purging product range released by Huntingdon Fusion Techniques Limited HFT® for the weld purging of tubes and pipes from 1 – 24” diameter.

This range compliments the PurgElite® series, but in addition has extra purge gas inlets and corresponding exhaust ports.

Designed for the weld purging of Titanium in particular, as well as Ultra High Purity stainless steel joints, corrosion resistant alloy welding and duplex steel joints, the PurgExtra™ series allows the operator to purge normally at first and then when conditions are correct, to introduce additional gas at high flow rates to create a much faster purge and a much more efficient removal of unwanted gases.

One of the key reasons to use a PurgExtra™ system, is for the operator to achieve zero colour welds.

The extra gas flow possible with PurgExtra™ models, purges out additional gases that are expelled by outgassing that occurs as the metal is being heated. The extra gas flow will prevent these expelled gases from combining with the hot metal and oxidising them, which causes the metal to discolour.

PurgExtra™ comprises two inflatable dams connected by a heat resistant highly flexible gas hose that has the unique “IntaCal®II” gas release system integrated. The IntaCal®II allows the dams to be inflated correctly and then releases the inert gas to safely purge the space between the dams.

IntaCal® replaces the old fashioned, complicated valves, still used by other types of purging devices, that might sometimes fail causing the dams to burst.

The highly flexible hose allows the PurgExtra™ systems to be pulled or pushed easily around bends and elbows.

In the centre of the hoses between the dams, a strip of “RootGlo®” material is adhered, allowing the welder to see clearly when the PurgExtra™ system has reached the correct position in the pipe. RootGlo® can be charged by leaving it in daylight for 30 minutes after which it will provide up to 24 hours of bright illumination inside the pipe.

As an option, the PurgeGate[®] accessory may be fitted to the PurgExtra[™] systems to protect the inflatable dams from accidental or faulty opening of gas supply valves significantly above the recommended flow rate, this giving further protection to the dams against bursting.

Further information can be received by contacting

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