

PurgElite[®], PurgExtra[®], QuickPurge[®], HotPurge[®] and Purge Dams



Inflatable Tube, Pipe and Pipeline Weld Purging Systems



PurgElite[®] Systems simplify the process of inert gas purging.

- Range 1 - 24" (25 - 610 mm).
- First ever 1" (25 mm) system.
- Faster purge uses less inert gas.
- No restrictions in elbows or bends in tube and pipe work.

PurgExtra[®] Systems comprise two protected inflatable dams connected by a spinal tube.

- Ability to use one or more of the outlets or inlets to increase gasflow when purging, without pressuring the weld.

QuickPurge[®] Systems for larger diameter, high quality, reliable welding of stainless and duplex steels and titanium weld joints.

- Extra fast weld purge time.
- Purge a 60" pipe in 8 minutes, a 36" pipe in 6 minutes, and a 30" pipe in 5 minutes.

HotPurge[®] Systems for Chrome and High Strength Stainless Steels are suitable for use up to 760°C (1400°F) for 24 hours.

- For easy, fast purging of heat treated pipework.

Weld Purge Dams are a low-cost improvement to plastic foam or cardboard dams.

- Single ended for closure welds, T piece joints, dome end connections etc.
- Excellent grip in the pipe.
- Easy to inflate using the purge gas.
- Equipped with a black purge /inflation hose and a extra purge gas blue hose.

Common Features to PurgElite[®] and PurgExtra[®] Models:

- Connecting spinal tube carries inert gas to inflate the dams and purge the interspace. The spinal tube is resistant to hot metal up to 700°C (1292°F).
- Intacal[®] development eliminates complex valves that need setting and adjusting.

Common Features to QuickPurge[®] and HotPurge[®] Models:

- Intacal[®] and PurgeGate[®] flow and pressure control systems.
- Range 6 - 88" (152 - 2,235mm), same size range for the Weld Purge Dams.

Common Features to all Models: Low vapour pressure materials, tight seal around the circumference. Hose to connect to a **Weld Purge Monitor[®]**, very fast weld purge time and a high quality weld root free from oxidation. no scratching of internally polished surfaces. Quick and easy to install.

All **Argweld[®] Pipe Purging Systems** have **RootGlo[®]**, a glow strip at their centre to provide up to 24 hours of luminescence inside the pipe. This helps in positioning the device central to the weld and assists in viewing the root weld during and after welding. Also a special gas usage system that significantly cuts the volume of inert gas used compared to all other methods. (not applicable to the Weld Purge Dams).

Purge system ranges FLY 31-05-2018 ME