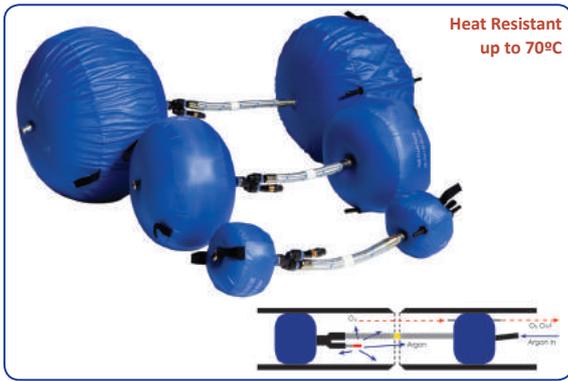


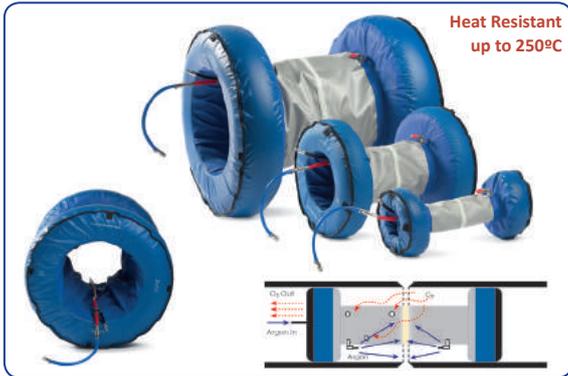
# PIPE PURGING EQUIPMENT



## TAG Purge Bag Systems

2" - 24" (50 - 600mm)

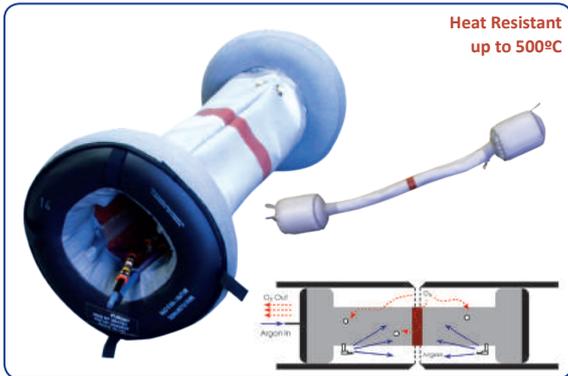
Our Inflatable Pipe Purging Systems are designed to maximise time and minimise cost. Two inflatable bladders are joined by a braided gas hose. Using inert gas (such as argon) to first inflate both bladders on either side of the weld before releasing the gas (via a pre set valve) into the chamber they have created, forcing the oxygen out through exhaust tubes built into the bladders. The Oxygen is removed so the welder can weld the pipes without the risk of oxidation. Once the gas flow is stopped the bags deflate and are easily removed from the pipe. Used in conjunction with our Purge Monitors, these systems enable the welder to produce highest quality welds in very little time and with no Oxidisation.



## TAG Rapid Purge Bag System

6" - 80" (150 - 2000mm)

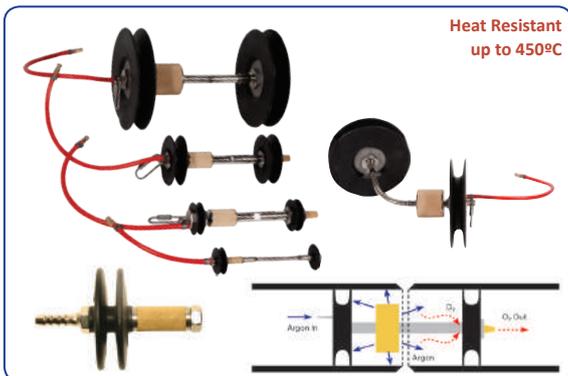
The Rapid Pipe Purge systems take gas purging to the next level. The inflatable bladders are housed in heat resistant material. The unique design of these systems means that the volume to purge is further reduced, by localising it to the weld root. Whether 6" or 80" pipe, these lightweight, yet rugged systems allow easy withdrawal from the pipe once deflated, even round bends and elbows! For fast, precise welds, with minimal gas usage, Rapid Purge is the solution for every pipe welder when the weld quality of exotic material is critical. Used in conjunction with our Purge Monitor, these systems enable the welder to produce highest quality welds in very little time and with no Oxidisation.



## TAG Heat Resistant Purge Systems

2" (50mm) upwards

The TAG Pipe Purge Bag, Rapid Purge Systems and Inflatable Pipe Stoppers are all available as heat resistant versions. Designed for use when high temperatures will be encountered during the process of pipe welding; such as pre-heated pipework and pipes where very high temperatures are required for welding. These versions of our inflatable Pipe purging systems are heat resistant up to 350°C (572°F) for up to 24 hours, or up to 500°C for short periods of time, as with the standard systems, the heat resistant systems are available for all pipe diameters from 3" to 80" (75 to 2035mm).



## TAG Double Seal Purge System

½" - 12" (16 - 300mm)

The TAG Double Seal System is the latest innovation in purging processes and has been designed to further reduce both inert gas use and purging time. The gas is diffused into the chamber through a built in diffuser in the rigid, flexible or spring braided hose and exits through the exhaust holes in the second double disc unit. This process of gas diffusion provides an even flow of gas and prevents any gas turbulence behind the weld, thereby minimising the risk of oxygen in the welding chamber while, at the same time, achieving an extremely short purge time. Used in conjunction with our Purge Monitors, these systems will give you extremely short purge times result in valuable cost savings in gas and time.



## TAG Gas Cylinder Purge Systems

8" upwards

Gas Cylinders are available for pipes from 200mm to 1000mm diameter. These tools have two heat-resistant sealing lips, taking 300°C for up to one hour. These cylinders have extremely short purge times of 1½ - 2½ minutes for all dimensions.

The Gas cylinders are designed with pull-through balls to enable the unit to be easily retrieved out of a straight section of pipe, or a pipe with a series of bends or elbows. The purge volume is isolated, so there is no need to purge the entire length of pipe to be welded, thereby minimising gas usage.