

Twin Bag Purge Systems

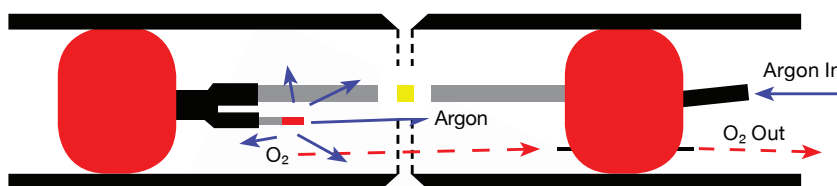
Sizes: 2" - 48" (50mm - 1200mm)

GBC Twin Bag Purging Systems consist of two inflatable bags connected by a spinal tube and a pressure valve. The system is positioned by viewing the luminous tape through the weld joint gap. E-Z ZONE TAPE is used to seal the weld gap and purge gas flow can commence at up to 20 Ltr/min. The bags inflate, a seal is created either side of the weld joint and the pressure valve releases gas into the weld chamber. By using a GBC Oxygen Monitor to constantly measure the oxygen content in the weld chamber the welder will know when to reduce the gas flow and commence welding.

The system is left in position post welding until the weld joint temperature drops to below oxidation levels, then the purge gas feed is disconnected, the bags deflate and the system can be withdrawn.

* For more critical applications higher spec versions are available with non-scratch spinal tubes and a gas feed system to replace pressure release valves.

How it works



Inflated Twin Purge Bag



The Gas Release Valve is pre-set and sealed, no adjustment required



Luminous strip aids the operator to centre system to the weld gap

Part Nos & Sizing

Part No.	Nominal Pipe Size (mm / inch)		Internal Diameter Range (mm)	Weight (kg)
TP01	25mm	1"	13 - 38mm	0.20kg
TP1.5	40mm	1.5"	32 - 45mm	0.20kg
TP02	50mm	2"	44 - 57mm	0.34kg
TP03	75mm	3"	58 - 84mm	0.34kg
TP04	100mm	4"	80 - 110mm	0.34kg
TP05	125mm	5"	103 - 135mm	0.38kg
TP06	150mm	6"	124 - 162mm	0.38kg
TP08	200mm	8"	175 - 213mm	0.90kg
TP10	250mm	10"	230 - 265mm	1.0kg
TP12	300mm	12"	265 - 305mm	1.1kg
TP14	350mm	14"	330 - 355mm	1.3kg
TP16	400mm	16"	380 - 405mm	1.7kg
TP20	500mm	20"	485 - 510mm	1.9kg
TP24	600mm	24"	585 - 610mm	2.5kg
AFH30	30 meter argon feed hose assembly for GBC TWIN BAG PURGE SYSTEM.			

* Larger sizes available upon request