

Model 803P Inert gas guard

Applications:

- ▶ Designed to eliminate the pressure surge at the beginning of each weld in MIG/TIG welding, maintains a constant flow and pressure with each weld, permits gas savings over 60%.

Features:

- ▶ Harris Inert Gas Guards are designed to save shielding gases in two ways:
 - by reducing the gas surge when a MIG gun or TIG torch is activated. Because the 803-P are designed to reduce the pressure held in supply hose, gas waste is reduced when the gun or torch is triggered
 - by delivering a controlled flow rate
- ▶ Operators will typically set shielding gas flow rates higher than necessary for a welding operation. Once set by a supervisor, the Inert Gas Guard delivers the precise amount of flow for the operation, eliminating the needless waste of gas.

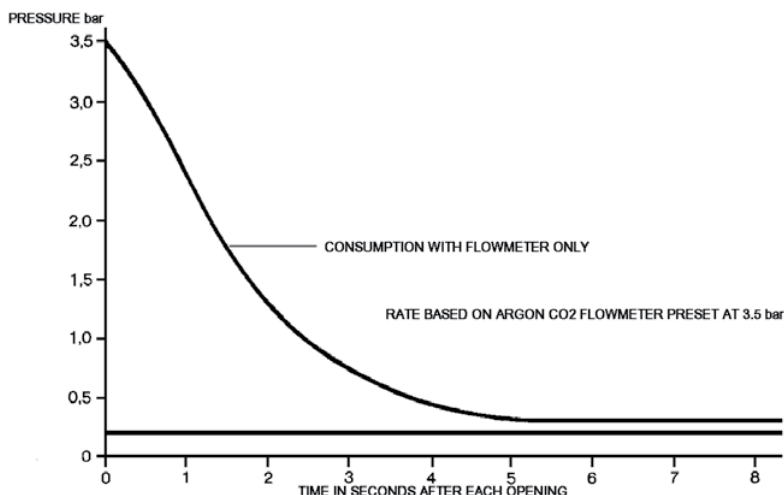


803P

Where to use:

Connect Model 803-P between your existing flowmeter and hose to torch. Table below shows part numbers to fit each flowmeter outlet thread.

UK PART No	GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	INLET	OUTLET
H1118	Argon / CO ₂	3.5	0.6-0.9	G 3/8"-RH-UNI ISO 228	G 3/8" A-RH-UNI ISO 228



- ▶ The curve on this chart illustrates the extent of costly shielding gas waste that can occur each time a MIG gun or TIG torch is activated. Conversely, the line illustrates how Harris Inert Gas Guard can significantly reduce gas waste by delivering a set flow of shielding gas.
- ▶ Actual Argon, Carbon Dioxide and other shielding gas savings will vary depending upon the specific requirements of the MIG or TIG welding operation
- ▶ Factory pre-set output pressure of 0.8 bar with maximum flow rate of 14 Lpm