

## Shielding Gases

The range provides for both MIG and TIG variants based on the BS EN 13918 : 2003. Both units are calibrated to ensure maximum gas efficiency for the gas shielded arc welding processes.

- Purpose designed for process
- Full 300 bar inlet capability
- Metered outlet orifice coupled with a highly efficient flow gauge gives accuracy and therefore economy when MIG welding
- Factory calibrated and quality managed through ISO 9001 system

### Arc-35L & Co2-35L

These two gauge single-stage regulators will cope with the majority of MIG/MAG welding applications and are small enough to sit within the circumference of the cylinder. Fitted with a flow gauge instead of the vulnerable bobbin type flowmeter, they have proved themselves ideal in the very rugged situations this equipment often has to withstand.



### Ar-2TIG

This single-stage regulator has been preset at 2 bar (30psi) to give a constant performance. It has been designed specifically for Argon-Tig welding and can be used by itself or with a bobbin type flowmeter.



### Argoshield Arc-40L

Proved to be the most economic regulator for use with Argon and Argon mixtures. The two stage design eliminates the pulsating of gases which is so wasteful. It will overcome the problem in the most economic and efficient manner. Fitted with a flow gauge which is coloured to indicate recommended flow rates, this regulator will cope with heavy duty service where high flow (up to 40L/M-80ft<sup>3</sup>/hr) is required. The two stages and large diaphragm greatly reduce the possibility of freezing.



**Saffire® MK4 Gas Economiser**

This device provides economy in the use of gas in welding operations up to nozzle size 25. During non-welding periods the blowpipe can be hung safely on the hooked lever which operates the gas shut-off valves in the economiser.



**Saffire® CO<sub>2</sub> Heater**

Specifically designed for use with Carbon Dioxide this unit allows flows of up to 40cfh without the risk of freezing or noticeable changes in the flow or pressure. They are available in 230V, 150 Watt versions.



**Flowmeter**

The vantage flowmeters are damage resistant tough poly carbonate with solid brass body and fittings. Two models are available, which are designed for use with the MIG or TIG process.

- Calibrated flow at 0 – 15 or 40 litres/minute



Model	Description	Part No.
Saffire Economiser MK4	Gas economy device	0701282575
Flowmeter Argon/CO <sub>2</sub> 14 L/m	Dry bobbin type, 0-14 L/m	0701300021
Flowmeter Argon/CO <sub>2</sub> 30 L/m	Dry bobbin type, 0-30 L/m	0701300022
CO <sub>2</sub> Heater 230V 200W	Cylinder mounted vaporiser for CO <sub>2</sub>	0701020010

**Shielding Gas Regulators**

Model	Gas	Lit/Min	Rated Flow ft <sup>3</sup> /h	Applications	Part No.
Arc-40L	Argon and Argon Mixtures	40	80	MIG Welding with argon rich mixture	0701281229
Arc-35L	Argon and Argon Mixtures	35	70	MIG Welding	0701282684
CO <sub>2</sub> -35L	CO <sub>2</sub>	35	70	MAG Welding	0701282688
Ar-2 TIG	Argon	Preset at 2 bar pressure		TIG Welding with flowmeter	0701282689