

ARGON/CO₂ REGULATOR WITH FLOW METER
AND INTEGRATED GAS SAVER FUNCTION
ECO SAVER



EDITION 1/2014

The ECO SAVER device reduces gas consumption, especially during non-continuous welding processes.

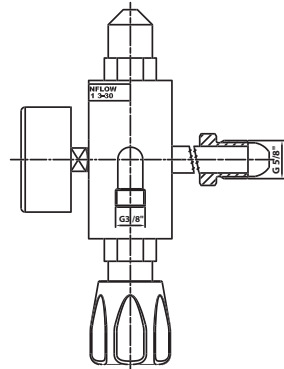
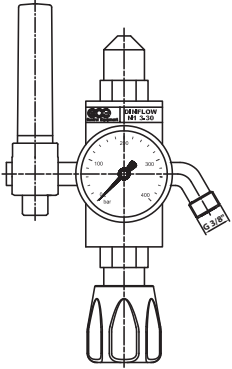
FEATURES

- Cylinder regulator with up to 300 bar inlet pressure and integrated flow meter.
- Adjustable in the range 0-30 litres per minute.
- Two stage pressure reduction from 300 bar.
- Saves gas during inlet pressure changes (as the cylinder empties).
- Saves gas during flow changes (non-continuous welding processes).
- Provides consistent and stable gas conditions around the weld.
- Available with connections for most markets in Europe.
- Less 'downtime' from changing cylinders which in turn increases productivity.
- Fewer spare cylinders required in stock which reduces rental charges.
- Reduces the number of deliveries required per year.
- Improved weld quality with less porosity.

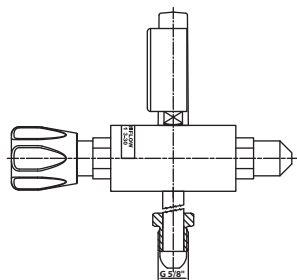
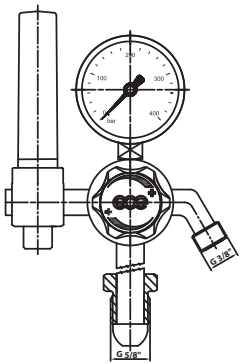


ECO SAVER

SIDE ENTRY 9615620



BOTTOM ENTRY 9615630



The ECO SAVER keeps a constant level of gas pressure in the downstream system during the welding process. This prevents pressure and flow surges from being created in the system. Surges can create gas wastage and give rise to a poor weld. Weld quality and gas consumption are optimised when the ECO Saver is used as part of the control system.

GAS SAVINGS

Shielding Gas is a significant consumable cost in the welding process, and savings with ecosaver can also be very significant. The type of welding determines the savings, highest benefits during spot welding, (significant on/off cycling at the gas supply). However valuable reduction in costs can still be achieved even on longer seam runs. Typical expected savings.

Type of Weld

Type of Weld	Gas saving
Spot welding:	40-45%
Mostly spot welding plus some seam welding:	30-35%
Equal spot/seam:	25-30%
Mostly seam welding:	18-22%

TECHNICAL DATA

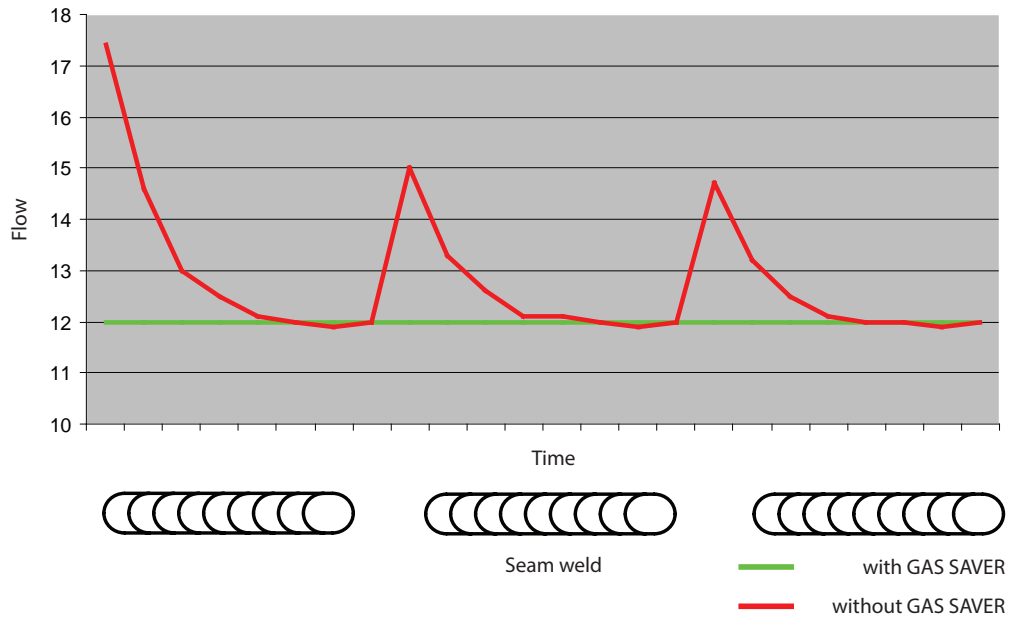
ECOSAVER for UK

Inlet pressure:	300 bar
Flow rate :	3-30l/min

ECOSAVER for OTHER COUNTRIES

Inlet pressure:	200 bar
Flow rate :	3-30l/min

COMPARISON OF REGULATOR WITH AND WITHOUT GAS SAVER



Art. Nr.	Gas	Inlet conn.	Outlet conn.	Config	Country
9615600	Ar/CO ₂	W21,8x1/14"	G1/4"		GERMANY, CZECH REPUBLIC, SPAIN, ROMANIA, PORTUGAL, HUNGARY, POLAND
9615610	Ar/CO ₂	G3/4"	G1/4"		RUSSIA
9615620	Ar/CO ₂	BS3	G3/8"	SE	UK
9615630	Ar/CO ₂	BS3	G3/8"	BE	UK
9615640	Ar/CO ₂	W24,32x1/14"	G3/8"		SWEDEN, DENMARK, NORWAY, FINLAND
9615650	Ar	Ø24,5Wx1/14 EXT	G3/8"		IT
9615660	Ar/CO ₂	SI21,7x1,814	M12x1		FRANCE
9615670	Ar	G1/2"	G1/4"		HUNGARY
0772156	Ar/CO ₂	G5/8"	M16*1.5		CHINA
0772027	Ar/CO ₂	CGA580 (0.965*14NGO)	9/16" UNF		AMERICAS



Gas Control Equipment

GCE world-wide: <http://www.gcegroup.com>