



**Integra[®] gas control and
gas safety equipment.**
tell me more

Integra® Flow Optimiser

MIG/MAG/TIG welding with Maxx® gases, argon and standard weld process mixtures.

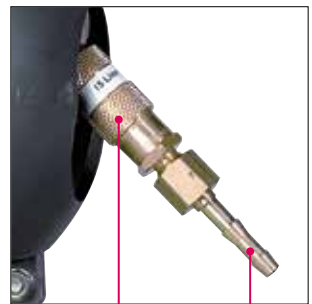
- No need for extra regulators or flow meters
- Simply change the connector and with one click you have the correct gas flow
- Available in a range of flows: 8, 10, 12, 15 and 18 litres per minute
- Reduces gas consumption – saves you money.

Specifications

Material	Brass
Pressure range	Max. inlet pressure 20 bar
Operational temperature range	-20°C /+60°C
Inlet connection type	QC acc to EN 561 - N
Outlet connection type	G3/8" right hand (RH) acc to EN 560
Weight	79g
Size	Diameter: 21mm Length: 51mm

Order details

Product code	Pre-set flow/capacity, litres per minute (l/min)
461340	8 l/min
461341	10 l/min
461342	12 l/min
461343	15 l/min
461344	18 l/min



Product code: 461343 (15 l/min IFO)
Product code: 18141 (1/4" tail*)

*Optional accessory for 3/8" BSP nut.

Integra[®] dial-a-flow

MIG/MAG/TIG welding with Maxx[®] gases, argon and standard weld process mixtures.

- Pre-defined for best welding results
- Adjustable flow in steps from 4-6-8-10-12-15-18-22-26 to max. 30 litres per minute.

Specifications

Material	Brass
Pressure range	Max. inlet pressure 4 bar
Temperature range	-15°C /+40°C
Inlet connection type	QC acc to EN 561 - N
Outlet connection type	6mm hose connection, G3/8" right hand (RH) acc to EN 560
Weight	400g (dial-a-flow)
Size	Diameter: 35mm Length: 105mm

Order details

Product code	Pre-set flow/selection
302005	4-6-8-10-12-15-18-22-26



Product code:
302005

Integra[®] purging assemblies

TIG welding with Maxx[®] gases, argon and standard weld process mixtures.

- Available with two (double) or one (single) flow tube and an adaptor
- For flows from 2-14 litres per minute.

Specifications (single & double)

Material	Brass (with plastic flow tube)
Pressure range	Max. inlet pressure 4 bar
Temperature range	-15°C /+40°C
Inlet connection type	QC acc to EN 561 - N
Outlet connection type	18168 & 18180: G3/8" right hand (RH) acc to EN 560 18177: QC acc to EN 561 - N

Single flow tube unit

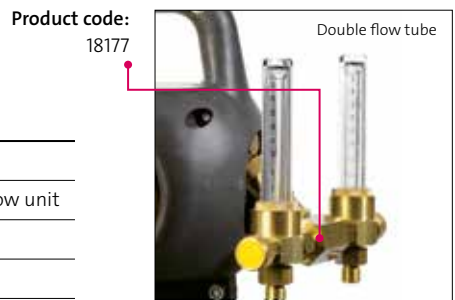
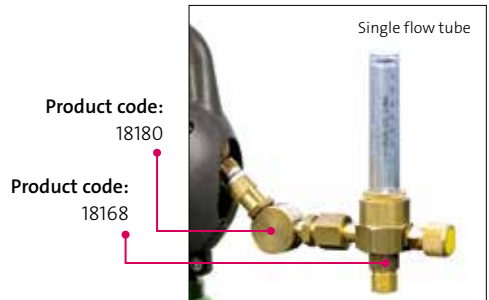
Weight	560g
Size	Width: 110mm Height: 175mm

Double flow tube unit

Weight	900g
Size	Width: 220mm Height: 145mm

Order details

Product code	Description
18180	Quick Connector – unrestricted flow unit
18168	Single flow tube unit
18177	Double flow tube unit



Integra® flash-back arrestors (FBA)

Oxygen and acetylene applications.

- Built in flash-back arrestor, non-return valve and thermal cut-off valve
- Built in dust filter
- BAM certified equipment
- ISO: 5175 compliant.



Specifications

Material	Brass
Pressure range	Oxygen: Max. outlet pressure 10 bar Acetylene: Max. outlet pressure 1,5 bar
Temperature range	-15°C /+40°C
Inlet connection type	Oxygen: QC acc to EN 561 – O Acetylene: QC acc to EN 561 – F
Outlet connection type	Oxygen: G3/8" right hand (RH) acc to EN 560 Acetylene: G3/8" left hand (LH) acc to EN 560
Weight	190g
Size	Diameter: 30mm Length: 77mm

Order details

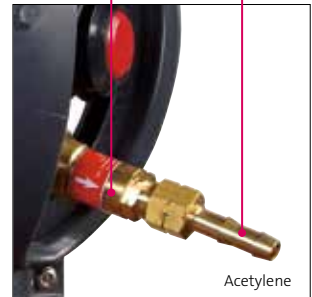
Product code	Gas
124523	Oxygen
124524	Acetylene

Product code:
124523

Product code:
18139
(5/16" tail)

Product code:
124524

Product code:
18139
(5/16" tail)



Accessories

Order details

Product code	Description
18135	3/8" BSP right hand (RH) nut
18136	3/8" BSP left hand (LH) nut
18139	5/16" tail (for 8mm bore hose) to take 3/8" BSP nut
18141	1/4" tail (for 6.3mm bore hose) to take 3/8" BSP nut
302013	3/8" BSP T-piece

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For more information:

UK

T 0800 389 0202

E apukinfo@airproducts.com

Ireland

T 1800 99 50 29

E ieinfo@airproducts.com



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airproducts.co.uk/welding
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