



**Integra<sup>®</sup> 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.

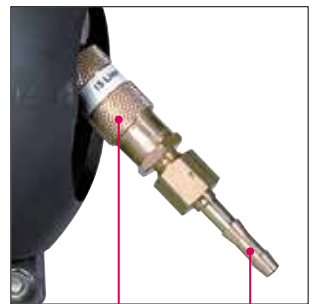
- No need for extra regulators or flow meters
- Simply change the connector and with one click you have the correct gas flow
- Available in a range of flows: 8, 10, 12, 15 and 18 litres per minute
- Reduces gas consumption – saves you money.

## Specifications

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

## Order details

<b>Product code</b>	<b>Pre-set flow/capacity, litres per minute (l/min)</b>
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.

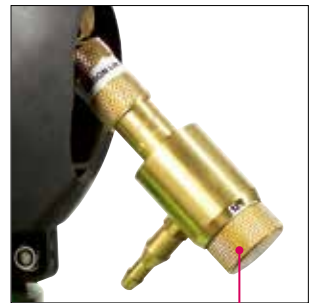
- Pre-defined for best welding results
- Adjustable flow in steps from 4-6-8-10-12-15-18-22-26 to max. 30 litres per minute.

## Specifications

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

## Order details

<b>Product code</b>	<b>Pre-set flow/selection</b>
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)

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

### Single flow tube unit

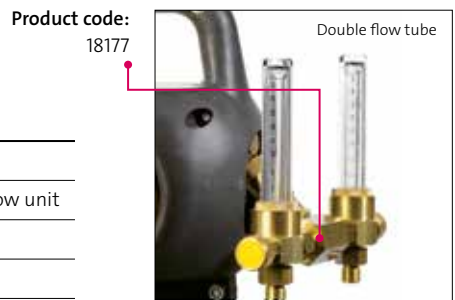
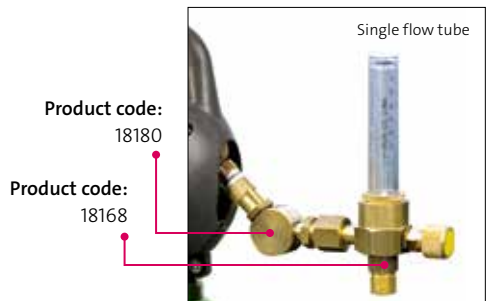
<b>Weight</b>	560g
<b>Size</b>	Width: 110mm Height: 175mm

### Double flow tube unit

<b>Weight</b>	900g
<b>Size</b>	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

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

## Order details

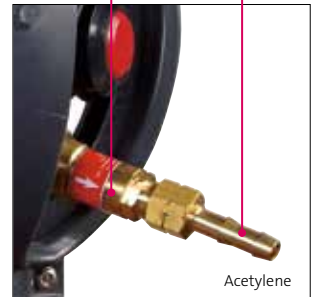
Product code	Gas
124523	Oxygen
124524	Acetylene

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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