

The Integra™ cylinder range

Built-in regulator for safer, easier and more economical welding applications



Saves time and money, easier and safer to use than conventional cylinders

Saves time and money

- Never buy, repair or calibrate a regulator again
- Integra flow optimizer (IFO) reduces unnecessary gas consumption to eliminate wastage
- High-volume of gas in cylinder using high pressure (200 bar) cylinder filling technology

Easier to use

- Snap-on connection to cylinder (no need for spanners)
- Hand-operated on/off valve (no need for bottle keys)
- More manoeuvrable than traditional cylinder

Safer at work

- Overall design is safer to use comparing to traditional cylinder
- Reduced risk of regulator damage, regulator fully contained within protective guard
- Reduced exposure to pressure hazard, built-in regulator controls pressure and cannot be removed



Shielding gas Integra cylinder

Industrial – MIG/MAG/TIG welding
for Linx® shielding gases, Ar/CO₂ mixtures, Argon

Built-in regulator

Calibrated and maintained by Air Products, the built-in regulator is placed at the top part of the cylinder. No need to buy a regulator for long-term cost saving. Regulates outlet pressure to 4 bar, suitable for all welding applications. Incorporates residual pressure valve to prevent contamination of cylinder contents.

Contents gauge

Always shows how much gas is left, even when cylinder is not in use!

Protective valve guard

Independently safety tested. Protects all critical components and provides full access for valve operation. Prevents accidental damage and makes the cylinder easy to handle.

Quick-connect

Allows safe and rapid gas cylinder change-over. A range of flow optimizers with variable gas flow and pre-set (fixed) gas flow rates are available.

Integra flow optimizer (IFO) for gas saving and quick-connection to gas outlet

IFO will pre-select the optimum gas flow rate to reduce gas consumption. Attach directly to your welding hose then snap on to the quick-connect gas outlet.



Integra flow optimizer

Preset-flow

Preset flow

8 L/min
10 L/min
12 L/min
15 L/min
18 L/min
20 L/min
25 L/min



Specially designed for the Air Products 200 bar Integra cylinders. No need for extra regulators, as the outlet pressure (4 bar) and flow are preset. Simply change the optimizer and with one click you have the correct gas flow. The flow optimizers are available with a flow of 8, 10, 12, 15, 18, 20 and 25 L/min.



Specifications

Material	Brass
Pressure and temperature range	Max. outlet pressure 4 bar and -15°C / +40°C
Weight	90g
Dimensions	Dia x L = 22mm x 60mm

Integra flow optimizer

Dial-a-flow

Adjustable flow

6-8-10-12-15-18-22-25-30
-max. 60 L/min



Specially designed for the Air Products 200 bar Integra cylinders. The dial-a-flow is adjustable in steps from 6-8-10-12-15-18-22-26-30 to max. 60 L/min.



Specifications

Material	Brass
Pressure and temperature range	Max. outlet pressure 4 bar and -15°C / +40°C
Weight	400g
Dimensions	Dia x L = 35mm x 105mm

Integra cylinder gas selector

Gas	Classification ⁽¹⁾ (ISO14175)	MIG-MAG				TIG			
		Mild steel		Stainless steel		Aluminium and aluminium alloys and copper	Mild steel	Stainless steel	Aluminium and aluminium alloys and copper
		Solid wire	Cored wire	Solid wire	Cored wire				
Ferrolinx® U	M24	√	√						
Ferrolinx® F	M14	√ ⁽²⁾							
Inolinx® MAG	M11			√ ⁽³⁾					
Inolinx® TIG	R1						√ ⁽³⁾		
Alulinx®	I3					√	√	√	
Ar	I1					√	√	√	
80% Ar / 20% CO ₂	M21	√	√		√				

1. All shielding gases meet or exceed the requirements of ISO14175

2. Max. thickness 10mm

3. Austenitic stainless steels only (e.g. 300 series)

Global expertise with local service



Air Products is a world-leading Industrial Gases company with operations in over 50 countries. An acknowledged leader in welding gas technologies, Air Products is recognized for its innovation, operational excellence and a proven commitment to safety and the environment.

Our global support, together with our local welding expertise, ensures that we offer outstanding service and high performance products. Our wide network of filling plants provides a speedy and reliable delivery service.

tell me more

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