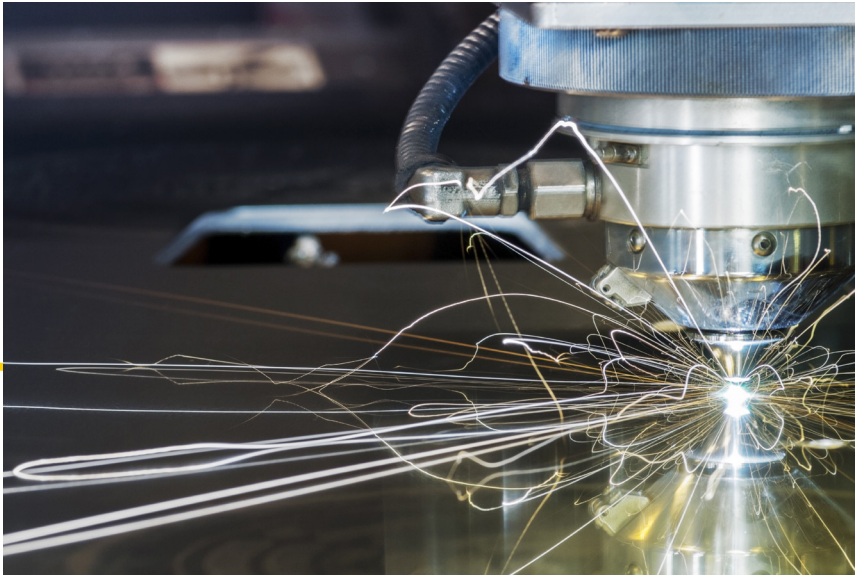


Laser application equipment



Hoses

Nitrogen

Our high pressure nitrogen hoses are fitted with an anti-whip cable for safety based on operating pressure of 40 bar.

Code	Description	Conformity	Specification	Fittings
6016738	5m 40 bar rubber hose with anti-whip cable	ISO 14113	Process cleaned	3/8" BSP (Female) x 3/8" BSP (Female)
6016739	10m 40 bar rubber hose with anti-whip cable	ISO 14113	Process cleaned	3/8" BSP (Female) x 3/8" BSP (Female)
6016740	20m 40 bar rubber hose with anti-whip cable	ISO 14113	Process cleaned	3/8" BSP (Female) x 3/8" BSP (Female)

Oxygen

Code	Description	Fittings
18151	5m long x 8mm bore	3/8" BSP HCV to 3/8" BSP nut
18153	10m long x 8mm bore	3/8" BSP HCV to 3/8" BSP nut

Contact the FASTPARTS® Team on 03457 020202 (UK)
or 1800 995029 (Irl) for more information

High Flow Regulators and Equipment for Lasing Applications

Code	Description	Inlet (Max)	Outlet	Service
420521	GA600 300 bar nitrogen NEVOC	300 bar	41 bar	-
420519	GA600 200 bar nitrogen	200 bar	41 bar	-
401238	GA1500 200 bar oxygen	200 bar	41 bar	-
401234	GA2500 200 bar nitrogen	200 bar	100 bar	Nitrogen
401236	GA600 300 bar nitrogen	200 bar	172 bar	Nitrogen
401235	GA1500 300 bar nitrogen NEVOC	300 bar	100 bar	Nitrogen
401237	GA2500 300 bar nitrogen NEVOC	300 bar	172 bar	Nitrogen
401954	GA3500 300 bar nitrogen NEVOC	300 bar	241 bar	Nitrogen
404549	GA3500 200 bar nitrogen BS3	200 bar	241 bar	Nitrogen
199953	High flow oxygen regulator	200 bar	14 bar	Nitrogen

Laser Gas Resonator Regulators

Code	Description	Inlet (Max)	Outlet	Service
199895	Two stage regulator for resonator-premix multi stage s/s/reg RH BS3	-	-	-
199959	Two stage regulator for resonator-premix multi stage s/s/reg LH BS4	-	-	-
199956	Two stage regulator for resonator-CO ₂ multi stage s/s/reg RH CO ₂	57 bar	10 bar	CO ₂
199954	Two stage regulator for resonator-N ₂ multi stage s/s/reg RH BS3	200 bar	11 bar	Nitrogen
199955	Two stage regulator for resonator-He multi stage s/s/reg RH BS3	200 bar	12 bar	Helium
403141	Two stage regulator for resonator-He multi stage s/s/reg RH NEVOC	300 bar	12 bar	Helium

Laser Gas – Permanent Installations (Regulator Panels with isolation valve, purge valve, non-return valve)

Code	Part No.	Description	Inlet (Max)	Outlet	Flow	Service
Option 1	AP-GIS	Single Coupler	200 bar	10 bar	20 m ³ /hr	Helium
	AP-GIS	Single Coupler	200 bar	10 bar	20 m ³ /hr	Nitrogen
	AP-GIS	Single Coupler	200 bar	10 bar	20 m ³ /hr	CO ₂
Option 2	AP-GIS	2x1 Manual changeover	200 bar	10 bar	20 m ³ /hr	Helium
	AP-GIS	2x1 Manual changeover	200 bar	10 bar	20 m ³ /hr	Nitrogen
	AP-GIS	2x1 Manual changeover	100 bar	10 bar	20 m ³ /hr	CO ₂

Process Gas – Permanent Installations

(Regulator Panels with isolation valve, purge valve, non-return valve)

Code	Part No.	Description	Inlet (Max)	Outlet	Flow	Service
Option 1	AP-GIS	Single Coupler	200 bar	Up to 35 bar	300 m ³ /hr	Oxygen
	AP-GIS	Single Coupler	300 bar	Up to 35 bar	300 m ³ /hr	Nitrogen
Option 2	AP-GIS	2x1 Manual changeover	200 bar	Up to 35 bar	300 m ³ /hr	Oxygen
	AP-GIS	2x1 Manual changeover	300 bar	Up to 35 bar	300 m ³ /hr	Nitrogen

For any assistance and advice with setting up your laser operation please contact our Laser Application Specialists [click here](#) or call **0800 389 0202** or email apukinfo@airproducts.com

For more information, please contact us at:

Air Products PLC
2 Millennium Gate
Westmere Drive
Crewe CW1 6AP

Air Products Ireland Ltd.
Unit 950, Western Industrial Estate
Killeen Road
Dublin 12



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