



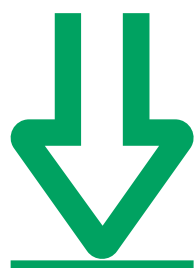
## Laser Solutions

Maximise productivity with uninterrupted gas supply

At Air Products we understand that consistency, efficiency and productivity are critical for success in manufacturing.



Our assured high quality laser gas range includes resonator gases and assist gases.



The unique modes of supply from Air Products can reduce costly downtime by eliminating business interruptions.



## Assist gases

Switch to our unique high-pressure liquid supply service and eliminate the costly business interruption when refilling your tank.

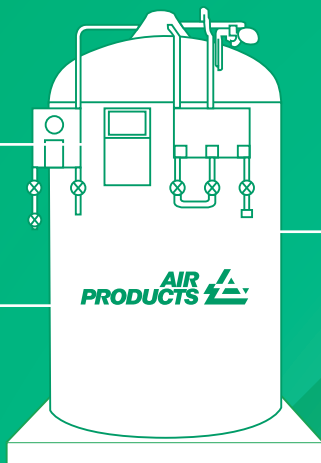
### Downtime costs money.

A key advantage of working with Air Products is the high-pressure refill capability across our fleet. There is no need to vent down your tank when refilling, saving valuable gas and production time.

We have the complete range of lasing gases in various levels of purity, pressures and modes of supply.



## Liquid



### Increased efficiency

- Decrease the number of invoices and streamline purchase orders, which may reduce administrative and transaction costs
- Free up space formerly used for cylinder storage
- Constant onstream supply increases operating efficiency

### Improved quality

- Dedicated mini tanks to ensure no cross-contamination (compared to changing over cylinder packs)

### Improved ease of use

- Eliminate cylinder handling
- Reduce number of deliveries
- If you opt for the managed gas supply service there is no need to place orders

## Packs



### Suitable for growing operations

Even if your operation does not quite have the scale for liquid supply, Air Products has the largest volume packs in the industry

### Reduced downtime

This means fewer changeovers and less downtime compared to using competitor packs & standard cylinders

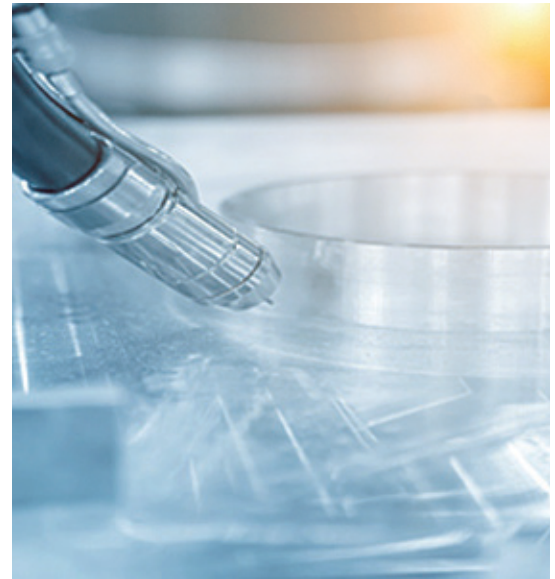
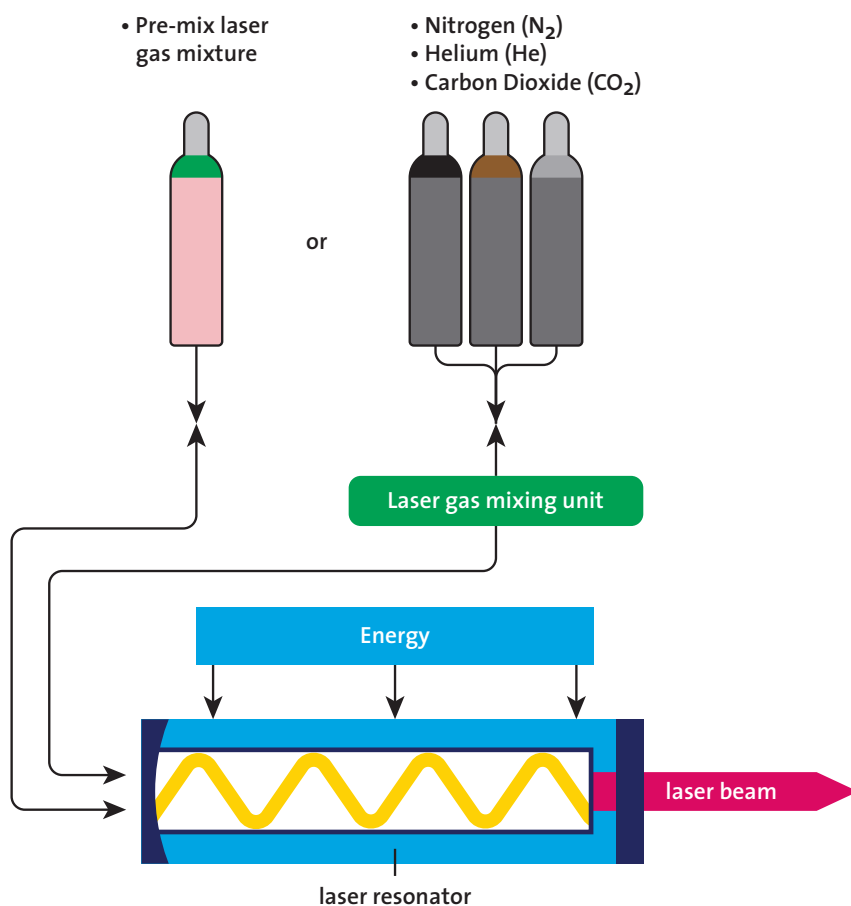
### Efficient transition

Ideal to maximise productivity whilst upscaling, before committing to a liquid supply

## Resonator gases

Air Products has a complete range of high-quality laser resonator gases. We provide both pure and pre-mixed gases – all meet or exceed the gas purity and mixture accuracy specifications of the world's leading laser manufacturers.

### Typical schematic of a CO<sub>2</sub> laser resonator



### Resonator gases have been designed to work with the world's leading lasers.

Using Air Products' resonator gases ensures the highest quality beam characteristics are consistently achieved, allowing you to optimise laser performance and reduce your running costs. Our **patented BIP® technology** offers the highest purity levels to avoid resonator damage. The levels of critical impurities like moisture, hydrocarbons and oxygen are closely controlled to ensure the lowest levels are consistently achieved.

With over 60 years of experience in supplying gas to the laser market, we work closely with our customers to improve their processes and support their growth.

Whatever you are fabricating, Air Products provides the expertise to meet all your laser gas requirements.

For more information and a FREE no obligation consultation from an Air Products laser expert:

please call us on **0800 389 0202**  
or email [apukinfo@airproducts.com](mailto:apukinfo@airproducts.com)  
[airproducts.co.uk/laser](http://airproducts.co.uk/laser)

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