

Air Products' GastrakSM service.
Save money, increase productivity
and improve quality.

Reduce weld process gas consumption and improve weld quality

Gas is often wasted through;

Leaks

Gas control equipment, hoses and connectors need to be regularly inspected and tested to ensure they are safe and free from leaks. Many thousands of litres of weld process gas are wasted every year due to leaks.

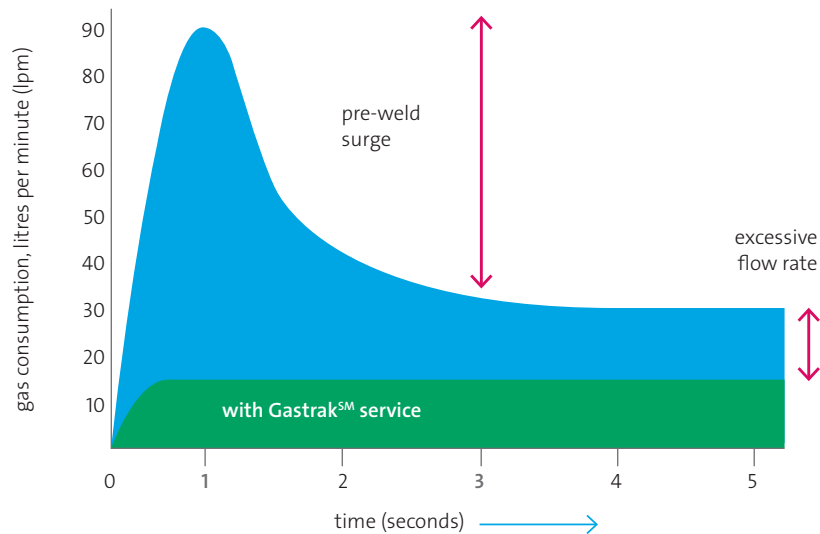
Excessive flows

Many welders believe a higher weld process gas flow rate gives a better weld. This is not true. There is an optimum flowrate for each application.

Pre-weld surge

It is common to experience a surge of gas at the start of each weld; this is known as pre-weld surge. It is wasteful of gas and can cause porosity.

Gas saving with Gastrak® economiser



Improving quality

Our GastrakSM service ensures the optimum flowrate is constantly achieved, which not only saves gas from being wasted, it saves money, reduces your environmental footprint and improves weld quality too.

Gastrak[®] economiser range

Whichever level of GastrakSM service you select, our experts will help you choose the best economiser for your application and supply mode.

Integra[®] cylinder



Traditional cylinder



Pipeline



Gastrak[®] economiser – Classic

- Optimised flow is set and locked at installation
- Robust



Gastrak[®] economiser – Flow

- Optimised flow rate is set and locked at installation
- Visible flow indication



Gastrak[®] economiser – Variflow

- Easily adjustable flow
- Visible flow indication
- Recommended for TIG welding



tell me more
airproducts.co.uk/gastrak
airproducts.ie/gastrak

See the benefits

Reduce costs

- By eliminating pre-weld surge and ensuring the optimum flow rate is used, the Gastrak® economiser will reduce your weld process gas consumption.

Improve quality

- Removing the surge of gas at the start of each weld and ensuring the optimum gas flow rate, improves weld quality and reduces rejects.

Easy installation

- Gastrak® equipment can be integrated into an existing or new weld process gas pipeline, or can be used with traditional or Integra® cylinders.



A cost-saving solution for all supply modes

The GastrakSM service offers a solution for every situation; whether you use single cylinders or have gases piped, there is a solution for every business.

Lite

Self-service kit containing everything required to ensure optimised flows and savings; ideal for smaller users.

Select

On-site consultation by an Air Products expert, economiser equipment and set-up for medium and larger users.

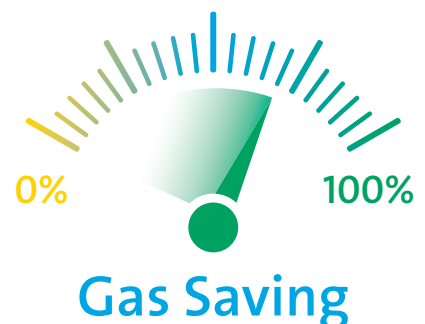
e²

e² builds on the 'GastrakSM Service – Select' and uses unique Air Products technology to deliver ground-breaking efficiencies.



Grow • Conserve • Care

For more information,
please call the GastrakSM helpline:
0800 389 0202 (UK) • 1800 99 50 29 (Irl)



GastrakSM service - Lite

A self-service kit containing everything required to ensure optimised flows and savings; ideal for smaller users.



The GastrakSM service - Lite is ideal for smaller cylinder gas users. Your self-service kit contains everything you need, from selecting the best weld process gas through to installing the Gastrak[®] economiser.

What's more, users also have online access to a gas flow report which allows you to print off bespoke reports and set-up a handy reminder when you need to re-check your economiser.

GastrakSM service - Select

Working with you at your site, our metal fabrication specialists will assess your current welding practices and show you have much gas you can save.

Whether you use individual cylinders or have a piped distribution system, our experts...

- check equipment for gas leaks
- recommend the best weld process gases for your applications
- suggest optimum weld parameters including gas flow rates
- supply and install the appropriate Gastrak[®] economisers

We go the extra mile to ensure significant gas savings and improved weld quality are maintained with follow-up visits from our expert team.



GastrakSM e² service



Designed specially for businesses using gas pipelines, the GastrakSM e² service combines to the benefits of 'GastrakSM service – Select', with unique Air Products technology to deliver ground-breaking gas savings and enhanced levels of safety.

Our e² technology gives you a revolutionary insight into the gases used in your welding processes

- Check leaks on-demand automatically
- Remotely shut-off of your gas distribution system
- Check gas quality at multiple locations including each use point

Pipeline



Gastrak[®] e² master and display unit

- Track total gas consumption
- System leak detection
- Pipeline remote shut-off
- Gas quality monitoring



Gastrak[®] e² meter

- Track gas consumption at each use point
- Leak detection at each use point
- Pipeline remote shut-off at each use point
- Gas quality monitoring at each use point



GastrakSM service levels comparison table

	Lite Cylinders only (Self-service resource kit)	Select Cylinders and pipelines (Air Products)	e ² Pipelines only (Air Products)
Recommending the best weld process gas	●	●	●
Identifying leaks		During surveys	Automated on-demand e ² system
Equipment visual inspection report	●	●	●
Conducting gas efficiency survey using calibrated and traceable equipment		●	●
Manual flowtube provided	●	● ²	● ²
Estimating gas saving		●	●
Recommending optimum flows	●	●	●
Supplying, fitting and setting and locking ¹ economiser units	●	●	●
Gas flow report	Self-service on-line	Air Products' certificate	Air Products' certificate
Reporting on the gas control equipment used at different stations		●	●
Follow-up visits to ensure optimised flows continue to be realised		●	●
Track total gas consumption and at each use point			●
Pipeline remote shut-off			●
Gas quality monitoring at each use point			●

¹ Classic unit only

² Available as an additional option

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