

Reduced weld process gas consumption and improve weld quality

Installing Air Products' Gastrak® economizers saves you money by eliminating excessive weld process (shielding) gas flows from your processes.

Many welders believe that a higher weld process gas flow rate gives a better weld. This is not true. There is an optimum flow rate for each application and our Gastrak® economizers ensure that optimum flow rate is used.

Do you hear a surge of gas at the start of each weld? This is a common and very wasteful phenomenon called 'pre-weld surge'. This is caused by poorly performing gas control equipment. Gastrak® economizers minimise pre-weld surge.

Reduce costs

By eliminating pre-weld surge and ensuring the optimum flow rate is used, the Gastrak® economizer will typically reduce your weld process gas consumption by up to 65%.

Improved quality

The Gastrak® economizer guarantees consistent use of the optimum gas flowrate for the job. This improves weld quality and reduces rejects.

Easy installation

Gastrak® economizers can be integrated into an existing or new weld process gas pipeline.

Average weld speed for manual MIG welding of 12mm thick carbon steel plate

Gastrak® Economizers

Pipeline

Gastrak® economizer – Classic

- Optimised flow is set and locked at installation
- Robust



Gastrak® economizer – Flow

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

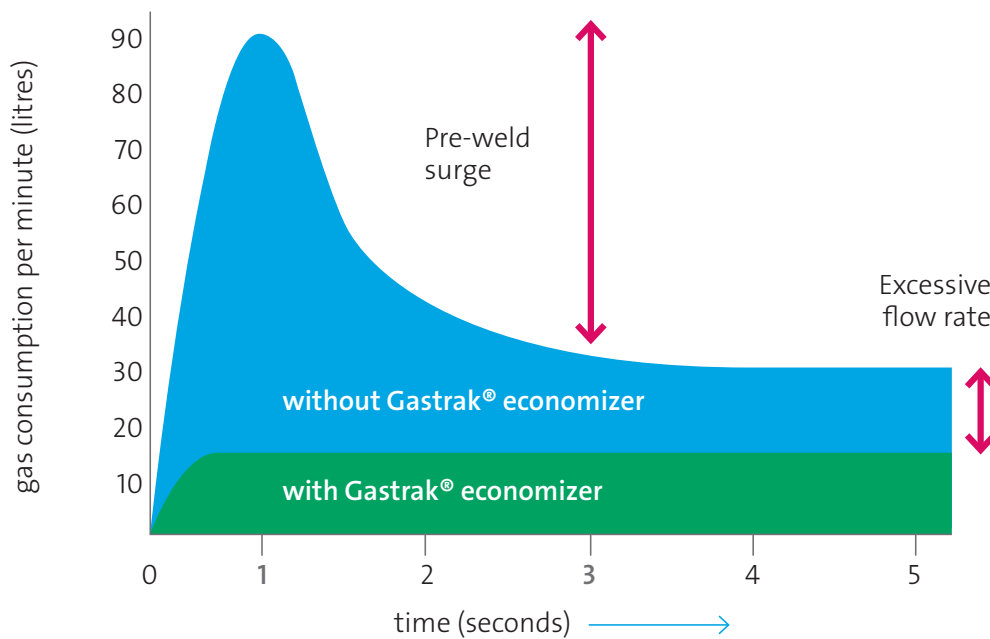


Gastrak® economizer – Variflow

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



Gas saving with Gastrak® economizer



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