

GAS WIZARD® INERT GAS SAVERS

Gas Wizard™ Inert Gas Savers are designed to reduce gas consumption by restricting the gas surge that occurs at arc initiation. The **Adjustable Gas Saver** is ideal for virtually all welding applications and allows fine tuning of the gas flow, which is an added benefit for facilities utilizing long bulk gas delivery systems with pressure drops.

- ▶ **Reduces gas consumption** in MIG or TIG applications
- ▶ Restricts gas surge upon arc starts, screen prevents blockages
- ▶ Gas savers available for the inlet or outlet side of gas solenoid



**SAVE 35% OR MORE
ON INERT GAS**

ADJUSTABLE GAS SAVER OPTIONS

Part No.	Description
GFJ-ADJ-A	5/8"-18 Male x 5/8"-18 Female
GFJ-ADJ-B	1/4"-18 Male NPT x 5/8"-18 Female NPT
GFJ-ADJ-C	1/4"-18 Male NPT x 1/4"-18 Female NPT
GFJ-ADJ-D	1/4"-19 Male BSPP x 1/4"-19 Female BSPP



**Adjustable
Gas Savers**
GFJ-ADJ-A, B, C or D
Saves gas and
allows fine tuning
of gas flow

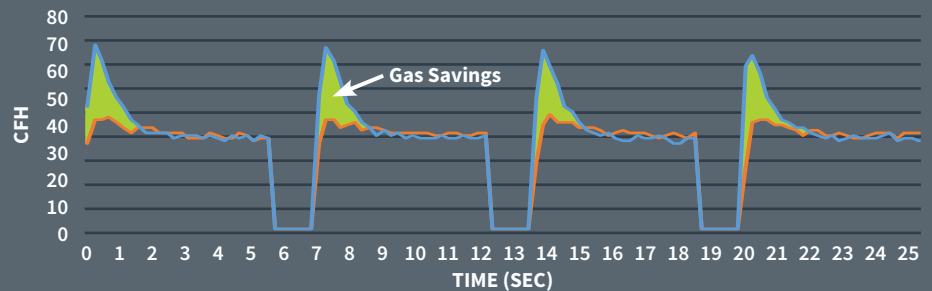
▶ **WATCH VIDEO**



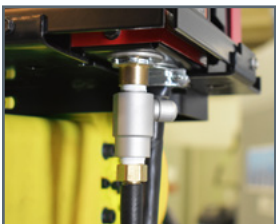
GAS SAVINGS AS A RESULT OF ELIMINATING GAS SURGE UPON ARC START

Spikes represent gas surge at arc start **without** gas saver installed

Flowmeter Gas Saver Gas Savings



ADJUSTABLE GAS SAVER MODELS



Installation at gas inlet on the wire feeder



GFJ-ADJ-A
5/8"-18 Male x
5/8"-18 Female



GFJ-ADJ-B
1/4"-18 Male NPT x
5/8"-18 Female NPT



GFJ-ADJ-C
1/4"-18 Male NPT x
1/4"-18 Female NPT



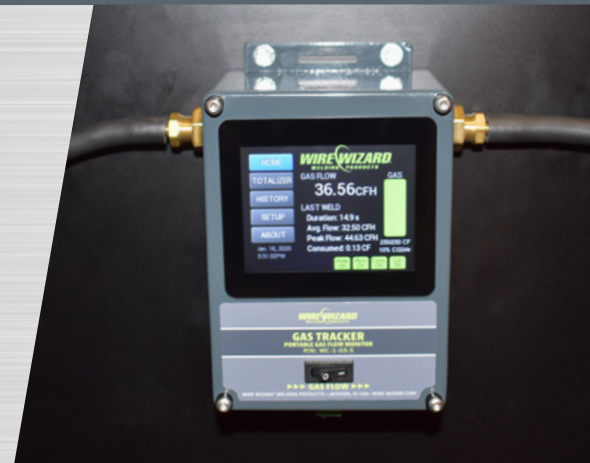
GFJ-ADJ-D
1/4"-19 Male BSPP x
1/4"-19 Female BSPP

GAS TRACKER™ GAS FLOW MONITOR

WC-1-GS-S

The **Gas Tracker™ Digital Gas Flow Monitor** provides an easy way to monitor and track shielding gas flow in MIG or TIG welding applications. The Gas Tracker™ is **two monitors in one** — for use as a portable unit or mounted in-line. It provides a simple and accurate method for monitoring and totalizing incoming gas flow, or measurement and verification of gas flow at the nozzle.

- ▶ **Portable Application:** Check and verify gas flow at the nozzle to avoid porosity and other serious weld quality issues. Each monitor includes a hose and filter assembly that fits all standard nozzle sizes, along with a rechargeable li-ion battery that lasts up to 24 hours.
- ▶ **In-line Application:** The monitor can function as a gas totalizer, verify proper gas flow and keep a record of average gas flow per weld (data downloadable via USB connection).
- ▶ Touchscreen interface with digitally displayed flow rate of 0 – 106 SCFH (0 – 50 LPM) with 1 SCFH resolution in Imperial or Metric units.
- ▶ PLC connectivity allows automated alert functions.
- ▶ Pre-calibrated for a variety of gas mixture options, including: Argon/CO₂ (90/10, 85/15, 80/20, 98/2 or 75/20), Argon/Helium (75/25), Argon/O₂ (97/3), He/Ar/CO₂ (90/7.5/2.5) and 100% Argon, CO₂, Helium or Nitrogen.
- ▶ NIST traceable calibration certificate included
- ▶ Internal memory for up to 8,000 events
- ▶ USB connection for exporting data via PC connection
- ▶ Dimensions: 7" (178 mm) X 5.25" (134 mm) X 3.25" (83 mm)



INLINE APPLICATION



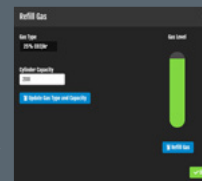
PORTABLE APPLICATION

SOFTWARE FEATURES

- ▶ View and export time-stamped gas flow data (per weld), including duration of flow, gas flow rate (in CFH or LPM), gas consumed and gas remaining
- ▶ Edit or refill gas (if applicable)
- ▶ Quickly view the gas remaining
- ▶ Ability to connect to multiple Gas Trackers at once

Gas and Wire Tracker screen with gas flow chart

Chart and Gas Refill screen



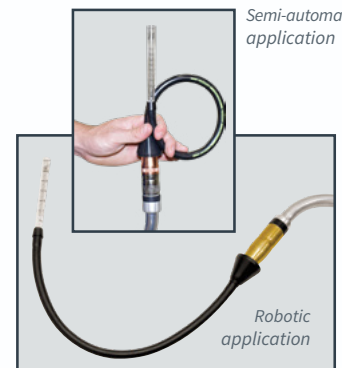
MANUAL GAS FLOW GAUGE EL-GFM

Measures the actual flow of shielding gas from MIG/TIG torches, allowing adjustments to be made at the cylinder gauge if necessary. An economical solution for improving overall welding performance.

- ▶ Features flexible hose for easy operator readings on robotic torches
- ▶ Measures gas flow consumption (CFH or LPM) at nozzle; up to 60 CFH/28 LPM

Part No.	Description
WC-1-GS-S	Gas Tracker™ Digital Gas Flow Monitor — In-line or portable use for checking flow at the nozzle
WC-1-GS-RECAL	Gas Tracker™ Digital Gas Flow Monitor Calibration Service (yearly recalibration recommended)
EL-GFM	Manual Gas Flow Gauge for Robotic Applications

Semi-automatic application



Robotic application