

Argon Filling Systems, Inc (AFS) knows how vital it is to ensure the accuracy of the gas filling process and Insulating Glass Unit (IGU) gas retention. AFS provides systems for multiple stages of quality control.

Rapid feedback systems provide the ability to make confident, accurate decisions. The ability to test sealed IGUs ensures the durability of the seal and quality of the workmanship – demonstrating to your customers that long term quality is a core value.

ARGON ✓ Analyzer

Argon ✓ is a low-cost, hand-held, and rapid feedback gas fill analyzer that provides an accurate reading of initial fill percentage. The sample probes provide point of fill readings to quickly determine manufacturing accuracies. Real-time reading and small sample size provide a single reading accuracy that should not require another fill cycle after testing.

FEATURES:

- Easy user interface - one touch control
- Simple to use
- Accurate, reliable results
- Rapid calibration
- Hand held and portable
- Advanced sensor technology
- Small sample size
- Real time reading

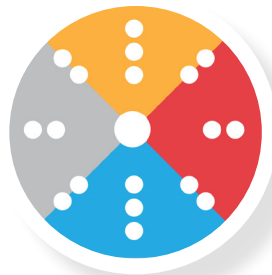


Argon ✓

PERFORMANCE



SAFETY



RELIABILITY



Performance. Safety. Reliability.

ULTIMATE QUALITY AND PERFORMANCE. AFS Machines are designed with line-dedicated vacuum generators, so each line operates independently and efficiently to achieve maximum output and productivity. Even if one line is down for maintenance, the other lines continue operating at full-capacity, minimizing the gas-filling bottleneck that is common in the manufacturing process.

IMPROVED SAFETY. An improved simple operator screen allows for quick training and error-free operation. Multiple sensors in each line ensure an accurate fill and a balanced process, reducing any chance of glass breakage. Maintenance and calibration can be performed quickly on-site, greatly reducing maintenance and downtime. This results in years of uninterrupted services.

YEAR-AFTER-YEAR ACCURACY AND RELIABILITY. Partnering with quality and plant managers, maintenance personnel, and operators, AFS designed the most user-friendly machine on the market. With a one-button start mechanism, dynamic visual fill indicator, and user-adjustable set points, each line may be independently stopped/restarted by either the user or automatic shut-down features.

AFS - OxySense System

Oxysense 325i is a low-cost non-invasive fill gas measurement system. Utilizing fluorescence technology, this system provides accurate measurement of gas fill concentration on SEALED IGUs.

- Manufacturing quality control
- Inspection and verification of operations
- Line start-up evaluations
- IGU gas retention and seal quality evaluation

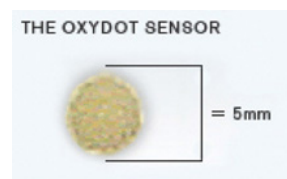
FEATURES:

- Simple start up calibration - ensures accurate reading in any light and background
- **Works with triple units and through low-e coatings**
- Simple one-click measurement
- EasAlign Pen with integrated capture switch for easy measurement
- Integrated temperature and pressure compensation
- Multiple measurements over time on the same IGU
- Low cost sensors



OXYDOT Sensors

The **O2xyDot** is placed in the IGU prior to gas filling and sealing. Afterwards, the fill gas concentration can be determined through non-invasive measurements.



Made in the United States of America

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