

The High Speed Series delivers top safety capabilities while maintaining high production speeds. A dual gas sensor automatically shuts down if issues are detected, even at speeds of up to 50 liters per minute (LPM). Maintenance is minimal with calibration maintained directly on the PLC.

HIGHLIGHTS

Safety

- PLC monitors each line independently and shuts down automatically if an issue is detected
- Insulating glass unit damage is prevented through internal monitoring

Speed

- Up to 50 LPM, filling over 1000 IG units per shift

Reliable

- Dual gas sensors increase confidence in fill percentage and maintain calibration on PLC without volt meters

Simple Operation

- One-button operation
- Dynamic fill level indicator
- Plant specified set-points



FEATURES

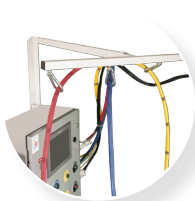
Standard

- Larger 12.1" touch screen PLC
- Leak detection
- Negative flow warning
- Calibration reminders
- Modern clamp design

Optional

- Daily statistical data collection
- Barcode scanning for gas fill reporting
- Ethernet connectivity
- Movable stand with boom

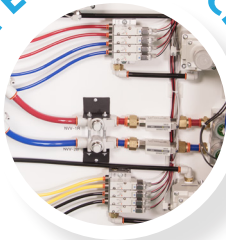
The High Speed Series



Features	Ultra-High Speed Series			High Speed Series			E-Series		
	AFS-1HS	AFS-2HS	AFS-4HS	AFS-1	AFS-2	AFS-4	AFS-1e	AFS-2e	AFS-4e
HMI	12.1" LCD Touch Screen			12.1" LCD Touch Screen			5.7" LCD Touch Screen		
Independent Filling Lines	1	2	4	1	2	4	1	2	4
Fill Rate (LPM)¹	1-75	1-75	1-75	1-50	1-50	1-50	1-50	1-50	1-50
One-Hole Filling	✓	✓	✓	✓	✓	✓	✓	✓	✓
Two-Hole Filling	✓	✓	✓	✓	✓	✓	✓	✓	✓
Krypton Compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gas Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dual Gas Sensing	✓	✓	✓	✓	✓	✓			
On-Site Calibration	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto Calibration	✓	✓	✓	✓	✓	✓	✓	✓	✓
Calibration Reminder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Leak Detection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Negative Flow Detection	✓	✓	✓	✓	✓	✓			
In-Line Vacuum Filter	✓	✓	✓	✓	✓	✓	✓	✓	✓
Enhanced Safety Features									
Flow Balancing	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plug Detection	✓	✓	✓	✓	✓	✓			
Loss of Argon/Vacuum Pressure	✓	✓	✓	✓	✓	✓	✓	✓	✓
Available Options									
Probe Push Buttons	✓	✓	✓	✓	✓	✓	✓	✓	✓
Internet/Email/Web-Server Connectivity	✓	✓	✓	✓	✓	✓			
Daily Statistical Data Archiving	✓	✓	✓	✓	✓	✓			
Barcode Scanning & Data Archiving	✓	✓	✓	✓	✓	✓			
Movable Cart	✓	✓	✓	✓	✓	✓			✓
High Efficiency Vacuum	✓	✓	✓	✓	✓	✓	✓	✓	✓
System Requirements									
Power	110-250 VAC 50/60 Hz			110-250 VAC 50/60 Hz			110-250 VAC 50/60 Hz		
Plant Air Pressure	100 PSI			100 PSI			100 PSI		
Argon Supply	80 PSI			80 PSI			80 PSI		

¹Fill rate depends on probe type and size

PERFORMANCE



SAFETY



RELIABILITY



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