

AXI SMART FPS FX

Compact Fuel Polishing Systems

The SMART FPS FX system is a programmable, fully automated, fuel maintenance system that removes water, sludge, and contaminants wherever fuel is stored or used. Adding a SMART FPS FX system will remove particulate, separate water, and condition fuel. This fuel polishing process stabilizes diesel and bio-fuels, eliminates microbial contamination, and ensures fuel remains clean and dry. These compact fuel maintenance systems are specifically designed for permanent installations indoors, as well as confined spaces, such as inside gen-set enclosures or engine rooms.



Fuel has a limited shelf-life and even “fresh fuel” could contain water, sediment and microbes upon delivery. Fuel filters should last thousands of hours. However, frequent filter changes, tank cleaning and replacing fuel have become common maintenance practices that address the symptoms of poor fuel quality, not the problem itself.

SMART FPS Systems reverse fuel deterioration while decontaminating, cleaning and optimizing the fuel for reliable, continuous, uninterrupted service.

SMART FPS FX SPECIFICATIONS

Flow Rate	2.5 GPM/150 GPH (9.5 LPM/567.8 LPH)
Primary Filter / Water Separator	10, or 30 μ Particulate and Centrifugal Water Separator
Fuel Conditioner	LG-X 500 Inline Conditioner
Pump	1/3 HP Gear Pump
System Controller	SMART FPS System Monitor
Power	12V/DC/10A or 24V/DC /5A
Plumbing	Stainless Steel
Ports	1/2" 37° Flare In 1/2" 37° Flare Out
Construction	Powder Coated Aluminum Back Plate
Dimensions	20" x 17" x 7" (H x W x D) (71 x 43 x 20 cm)
Weight	≈ 32 lbs (14.5 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

SMART FPS FX SERIES FEATURE:

- SMART Filtration Controllers
- Fully Automated and Programmable Operation
- Integration with Vessel Monitoring Systems
- Modular “Plug & Play” Flexibility
- Unique Safety & Alarm Features
- Continuous-Duty Pumps, Viton Seals

For safe operation, the SMART FPS-FX is equipped with an automatic pump shut-down and indicators when filter elements require service. Also included are indicators for high pump vacuum, pressure exits, and leaks.



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www.AXI-International.com

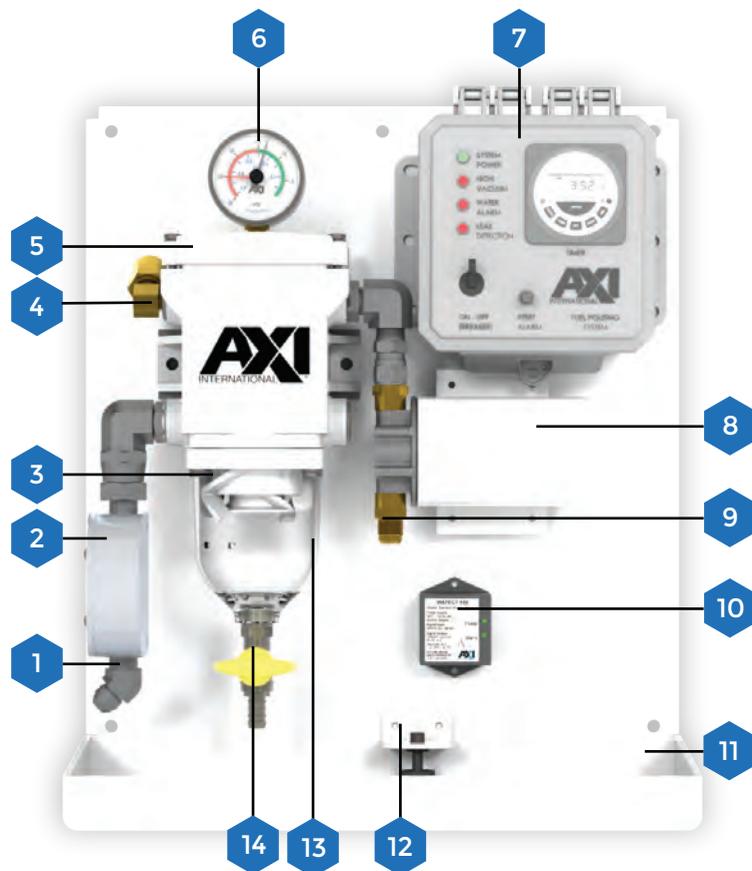
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1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Water Level Sensors
4. Vacuum Switch
5. Water Separator
6. Vacuum Gauge
7. Digital Controller
8. Motor
9. Fuel Outlet (To Tank)
10. Watect Water Sensor
11. Drip Tray
12. Leak Detector
13. Water Collection
14. Drain Valve

SMART FPS FX OPTIONS:

- Fuel Contamination Test Kit
- AFC 705/710 Fuel Catalyst
- Replacement Filters
- Fuel Sampling Kit
- Racor Filter

FPS SYSTEM INTEGRATION:

