

AXI SMART FPS DX-S

Compact Fuel Polishing Systems

The SMART FPS DX-S 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 DX-S 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 DX-S SPECIFICATIONS

Flow Rate	1.3 GPM/80 GPH (5 LPM/302.8 LPH)
Strainer	50 Mesh
Primary Filter / Water Separator	10µ Particulate or 3µ Water Block
Fuel Conditioner	LG-X 500 Inline Conditioner
Pump	Gear Pump
System Controller	SMART FPS System Monitor with Safety & Alarm Features
Power	12V/DC/10A or 24V/DC/5A
Plumbing	Stainless Steel
Ports	1/2" Hose Barb In 1/2" Hose Barb Out
Construction	Powder Coated Aluminum Back Plate
Dimensions	15" x 18.5" x 7.5" (H x W x D) (38 x 47 x 19 cm)
Weight	≈ 20 lbs (9.7 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

SMART FPS DX-S 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-DX-S 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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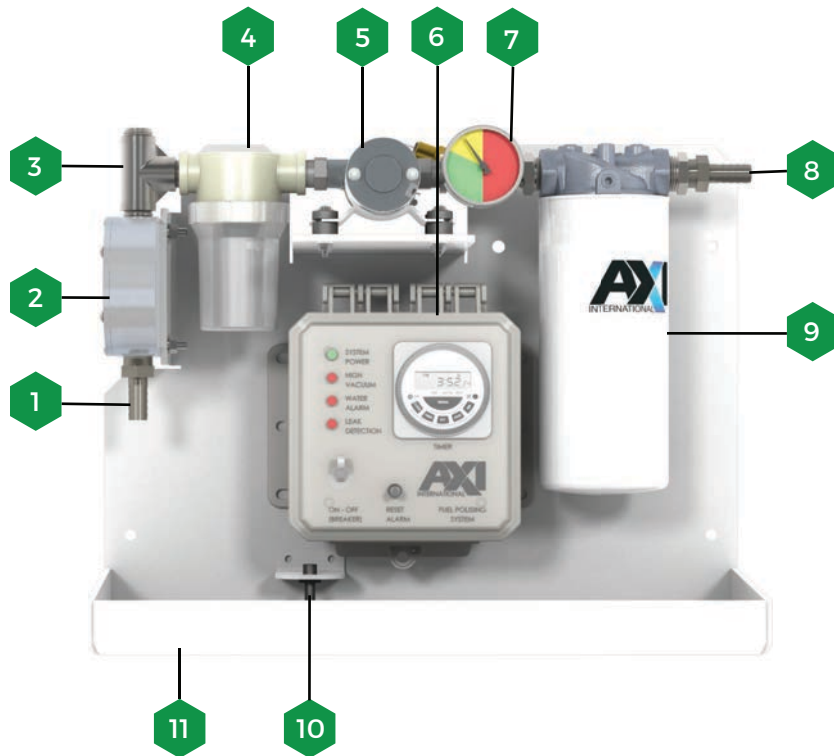
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1. Fuel Inlet (From Tank)
2. LG-X Inline Fuel Conditioner
3. Priming Tee
4. Strainer
5. Motor
6. Control Panel
7. Pressure Gauge
8. Fuel Discharge (To Tank)
9. Fine Filter
10. Leak Detector
11. Drip Tray

SMART FPS DX-S OPTIONS:

- Fuel Contamination Test Kit
- Fuel Sampling Kit
- AFC 705/710 Fuel Catalyst
- Filter Elements

REPLACEMENT FILTER OPTIONS:

Fine Filter	Part No.	Waterblock Filter	Part No.
10 μ Filter Element	FFS-10	3 μ Water Block Filter	WBS-3
		10 μ Water Block Filter	WBS-10

FPS SYSTEM INTEGRATION:

