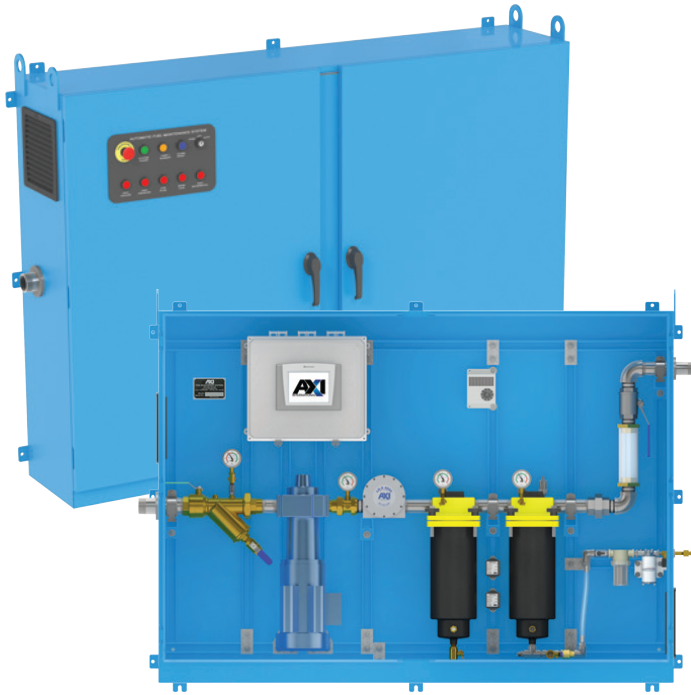




STS 7030

Enclosed Automated Fuel Maintenance Systems

The STS 7030 Programmable, Enclosed Automated Fuel Maintenance System is designed to optimize and maintain diesel fuel indefinitely. Adding an STS 7030 system will remove particulate, separate water, and condition stored fuel. This innovative process stabilizes diesel and bio-fuels, eliminates microbial contamination, and ensures clean reliable fuel at all times. Generators and pumps operating in remote locations are ideal applications for STS 7030 systems.



STS 7030 SPECIFICATIONS

Flow Rate (@60Hz)	30 GPM/1800 GPH (113.6 LPM/6814 LPH)
Wye-Strainer	20 Mesh
Primary Filter	1, 5, 10 or 25µ Racor FBO Particulate or 1, 5, 10 or 25µ Racor FBO Water Block
Secondary Filter	10µ Racor FBO Coalescer or 1, 5, 10 or 25µ Racor FBO Water Block
Fuel Conditioner	LG-X 4000 Inline Conditioner
System Controller	HMI PLC Controller with Touch-Screen and Remote Monitoring, Modbus, TCP/IP LAN and Internet Capability
Pump	2 HP Gear Pump
Power	208-230V/1Ph/60Hz/20A or 230V/1Ph/50Hz/15A or 480V/1Ph/60Hz/15A
Plumbing	Stainless Steel
Ports	2" NPT In 1-1/2" NPT Out
Enclosure Cabinet	NEMA 12 (IP55), 13 (IP65), 4 (IP66), and 4X (IP66) Powder Coat or Stainless Steel
Dimensions	56" x 72" x 17" (H x W x D) (142 x 183 x 43 cm)
Weight	≈ 760 lbs (344.7 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

STS 7000 SERIES SAFETY FEATURES:

- Automatic Alerts
- Pump Shut Down When Filters Need Service
- Leak Detection
- Water Detection
- High Pump Vacuum
- High Pump Pressure
- Low Fuel Flow Alert
- Emergency Stop

SMART FILTRATION CONTROLLERS:

- Modbus, TCP/IP, LAN, and Internet Capability
- Email & SMS Maintenance Alert Capability
- BMS and BAS Capability
- Maintenance Alert Log File
- Runtime Totalizer
- Alarm History
- On-Screen Help

STS 7030 FEATURE:

- Multi-stage Water Removal and Particulate Filtration
- NEMA 12,13, 4, 4X Powder Coated or Stainless Enclosure
- UL508A Smart Filtration Controller
- Stainless Steel Plumbing



1.239.690.9589
1.877.425.4239 Toll Free
www.AXI-International.com

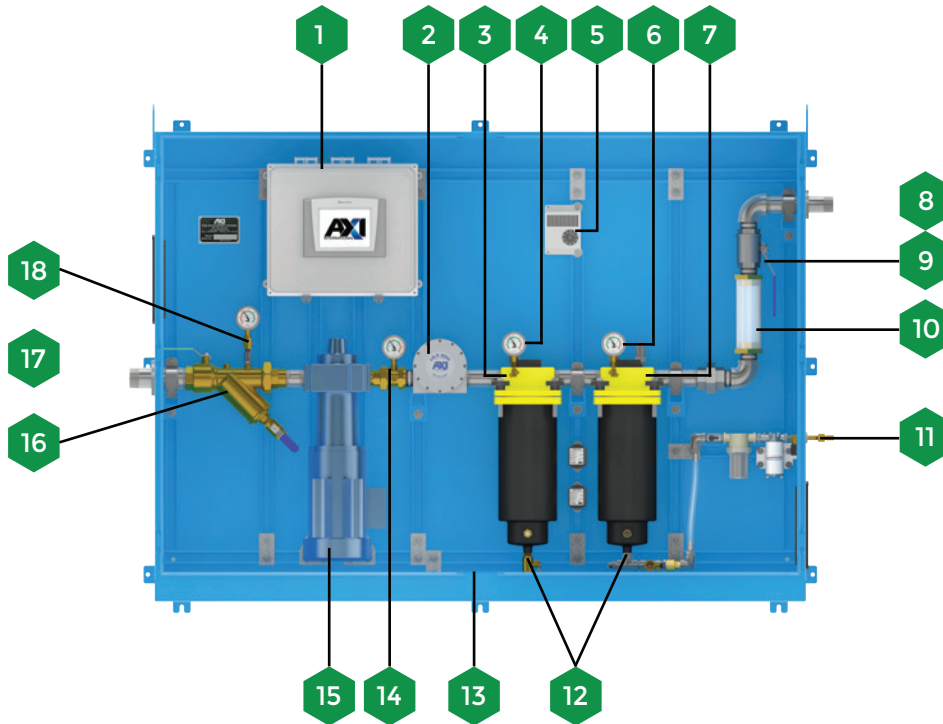
AXI.International

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AXIFuel

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REV0201703001200



1. HMI Touchscreen Controller
2. AXI Inline LG-X 4000 Conditioner
3. Primary Fine Filter
4. Differential Pressure Gauge
5. Enclosure Heater (Optional)
6. Differential Pressure Gauge
7. Secondary Fine Filter
8. Fuel Outlet (Discharge)
9. Outlet Ball Valve
10. Flow Switch with Sight Glass
11. Auto Water Drain (Option)
12. Drain Valves
13. Leak Detector
14. Pressure Switch
15. Gear Pump
16. Wye-Strainer
17. Fuel Inlet (From Tank)
18. Vacuum Switch

STS 7030 OPTIONS:

- AFC 705/710 Fuel Catalyst
- Automatic Water Drain System
- Stainless Steel Enclosure
- Multi-Tank (Up to 4 Tanks)
- Cabinet Heater
- Cabinet Color Options
- Stand

REPLACEMENT FILTER OPTIONS:

Primary Fine Filter	Part No.
1 μ Micro Filter Element	FBO-60339
5 μ Micro Filter Element	FBO-60340
10 μ Micro Filter Element	FBO-60357
25 μ Micro Filter Element	FBO-60341

Secondary Fine Filter	Part No.
1 μ Coalescing Filter Element	FBO-60336
5 μ Coalescing Filter Element	FBO-60337
10 μ Coalescing Filter Element	FBO-60356
25 μ Coalescing Filter Element	FBO-60338

STS SYSTEM INTEGRATION:

