

STS 7004

Programmable Automated Fuel Filtration System



STS 7004 Programmable Automated Fuel Filtration Systems are self-contained, stand-alone systems that remove and prevent the buildup of water, sludge and contaminants in tanks. They stabilize diesel and bio-fuels, eliminate microbial contamination and optimize and maintain fuel quality. STS systems guarantee Peak Engine Performance and Reliable Power at All Times.



The New **STS 7000 Series** is equipped with a **Touch Screen Controller** for more intuitive system setup and monitoring from remote locations. In addition to the features of the industry standard STS 6000 Series, the **STS 7000 Series includes:**

- UL508A listed Touch Screen HMI PLC Controller
- Touch Screen for Intuitive Setup & System Control
- Multiple-tank Functionality
- Modbus, TCP/IP LAN and Internet connectivity
- E-mail and SMS Maintenance Alerts
- Maintenance Alert Log File
- On-screen Help

AXI Automated Filtration Systems are equipped with a UL508A Smart Filtration Controller triggering Automatic alarm and shut-down when filters need service, a leak is detected, high vacuum or pressure occurs or water is in the separator or the fuel flow changes.

All STS Systems feature:

- Patented ALGAE-X Fuel Conditioner to prevent and reverse fuel degradation, polymerization & microbial contamination
- Multi-stage water removal and particulate filtration
- NEMA 12, 13, 4 Certified Powder Coated or Stainless Cabinet
- Continuous-Duty Pump with Viton Seals
- Stainless Steel Plumbing
- Stand Alone, Reliable & Turn-Key

Implementing STS Fuel Quality & Maintenance Systems guarantees **Peak Engine Performance & Reliable Power At All Times**. It prevents costly downtime, periodic tank cleaning, replacing out-of-spec fuel and injection system repairs.

STS 7004 SPECIFICATIONS

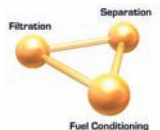
Flow Rate	4 GPM
Primary Filter/Water Separator/Coalescer	10 or 30 μ Particulate or 60 μ SS Screen
Secondary Filter/Water Block	1, 3, 10 or 25 μ Fine Filter 3 or 10 μ Water Block
Fuel Conditioner	LG-X 1500
Smart Filtration Controller	HMI PLC Controller with Touch Screen and remote monitoring, Modbus, TCP/IP LAN and Internet connectivity
Pump	Internal Gear Pump
Power	110V 60Hz 15A or 230V 50Hz 15A
Plumbing	Stainless Steel
Ports	In 3/4" NPT Out 3/4" NPT
Weatherproof Cabinet	NEMA 12, 13, 4 Powder Coat or Stainless
Dimensions	36" x 36" x 12" (91 x 91 x 30 cm)
Weight	≈200 lbs
Not for use with fluids that have a flash point below 100°F.	



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