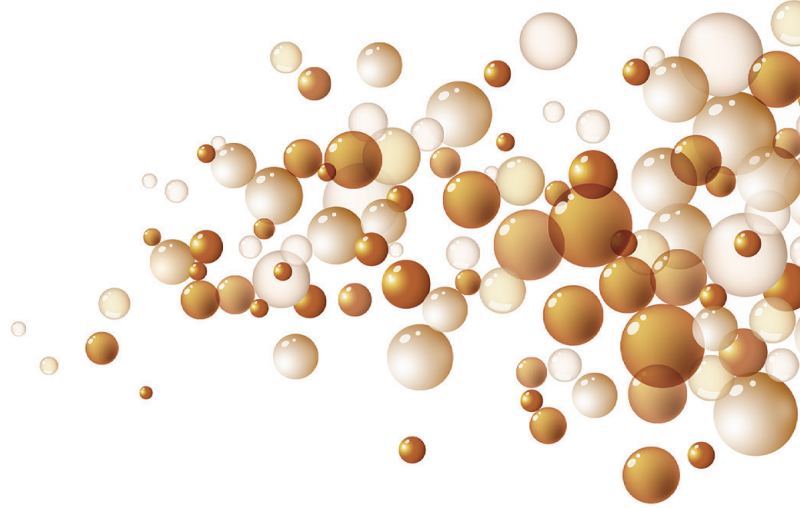




# VITA ESP III

## Contamination Control Unit



VITA delivers ESP • Electrophysical Separation Process



MAXIMIZING ASSET LIFE THROUGH TECHNOLOGY

# CLEAN YOUR SYSTEMS OF VARNISH & EXTEND THE LIFE OF YOUR LUBRICANTS.

## LATIN FOR “LIFE”, VITA WILL HELP INCREASE THE LIFE OF YOUR FLUID

Fluitec's VITA ESP III System provides you with maximum flexibility to control contaminants in your critical lubrication systems. The VITA ESP III allows you to remove the most damaging types of contaminants in your fluid.

### SOFT CONTAMINANT REMOVAL

Mitigate the damaging effects of Sludge & Varnish using Fluitec's patent-pending Electrophysical Separation Process™ (ESP) technology. Proven technology on hundreds of installations across 5 continents.

### HARD CONTAMINANT REMOVAL

Efficiently remove dirt, debris and wear metals using high efficiency Depth Media down to 3 microns. Will help maintain excellent system cleanliness.

### VITA IS VERSATILE

Multi-Purpose Filter housing can accommodate ESP and Depth media elements. The system can be easily configured depending on your condition and application.

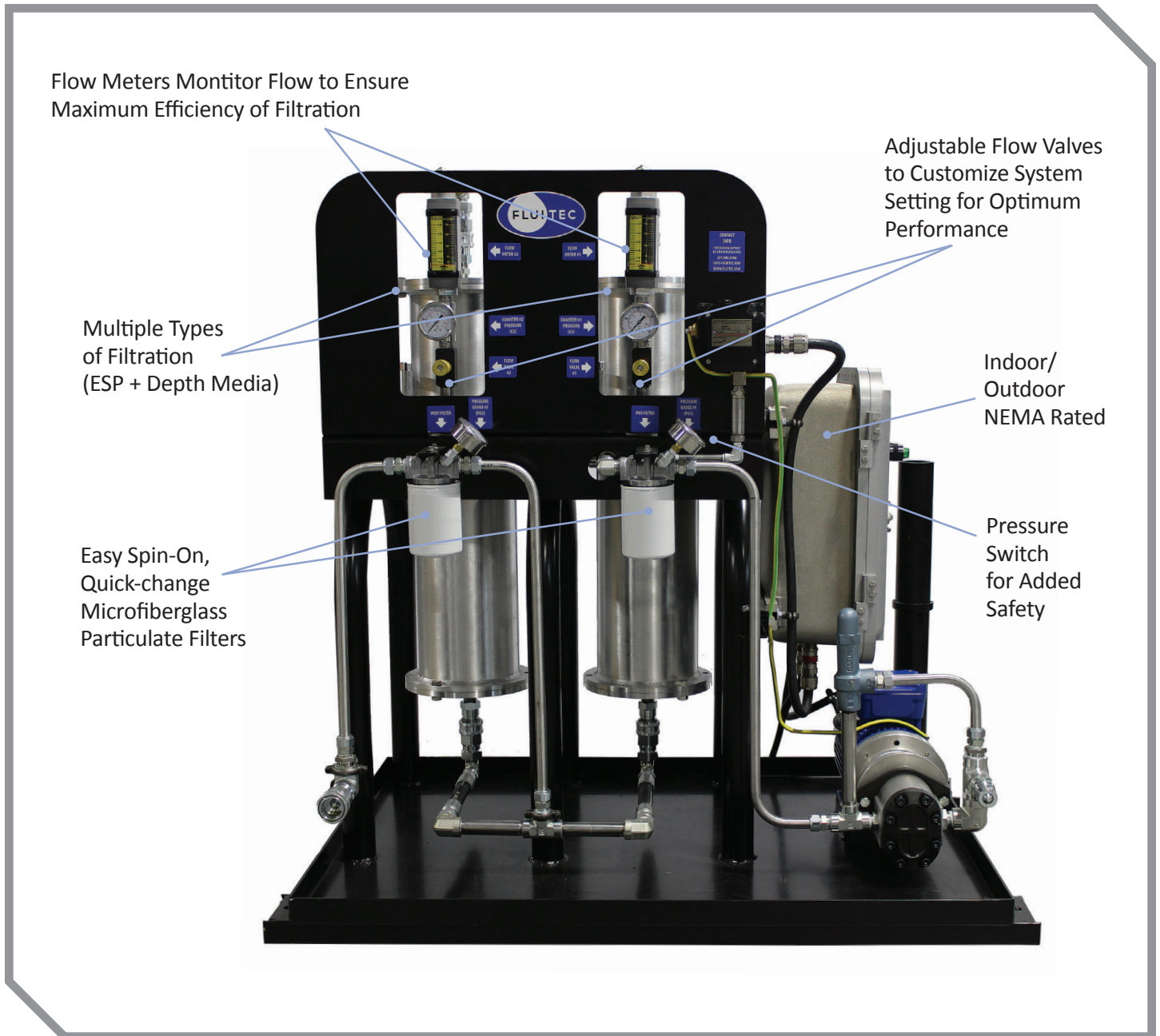


“The reliable operation of our turbines and compressors is of critical importance to Siemens. Providing our customers with Fluitec's ESP technology allows them to extend the life of their lubricant assets while improving plant efficiencies and uptime.”

—SIEMENS AG ENERGY



# VITA ESP III MECHANICAL COMPONENTS



For best overall performance and a Fill-For-Life lubrication system, or to get the most out of cleaning your system, **we recommend ESP and our Boost product line.**



Range of customized chemistries to extend oil life through antioxidant replenishment



Risk-free way of removing varnish deposits from your system.



# VITA + ESP IMPROVES RELIABILITY AND SLASHES O&M COSTS.

## APPLICATION

### VITA ESP + Depth Media

Clean Soft and Hard Contaminants from your lubricating system

Model	Features	Description	Advantages
VITA ESP III-E	ESP Element inserts for medium sized applications	Contamination control system for varnish mitigation in rotating equipment with reservoirs between 3500-8000 gal (13,000-30,000 L)	Uses easy-to-replace element inserts designed for medium sized reservoirs. Lower cost of ownership with more efficient replacement elements, save money on shipping and more environmentally friendly. Versatile: Can use both ESP and Depth Media
VITA ESP III	Direct ESP media fill for handling larger reservoirs	Contamination control system for varnish mitigation in rotating equipment with reservoirs greater than 8000 gal (30,000 IL)	Uses direct media fill into vessels to maximize ESP media volume for fast results and the largest reservoirs. Versatile: Can use both ESP and Depth Media
VITA ESP III-P	Multiple sensors and CAT5(e) communication capabilities	Contamination control system for varnish mitigation in rotating equipment with reservoirs greater than 8000 gal (30,000 L). With sensors and PLC	The Plus (P) model has a PLC with multiple sensors and CAT5(e) communication capabilities in order to monitor critical performance and operational information of the unit. Uses direct media fill into vessels to maximize ESP media contact time with the fluid. Versatile: Can use both ESP and Depth Media
VITA ESP III-XP	ATEX/IECEX Certified, Explosion-Proof rating	Contamination control system for varnish mitigation in rotating equipment with reservoirs greater than 8000 gal (30,000 L). Includes ATEX/IECEX Certification for Explosion-proof rating	The XP (Explosion-Proof) model is certified by Intertek to ATEX/IECEX standards. Uses direct media fill into vessels to maximize ESP media contact time with the fluid. Versatile: Can use both ESP and Depth Media



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