

Aquastorm® FSM

Free Standing Module



Process Flexibility

The Aquastorm FSM (Free Standing Module) is a free standing additional wash section that can be added to any existing in-line cleaning process. The Aquastorm FSM is designed to add complete process flexibility. Available for a 'straight DI' or 'chemical wash with chemical isolation' processes, the Aquastorm FSM provides that additional process flexibility without time and expense to convert your existing cleaner and/or replacing your existing cleaning process.

The process flexibility benefits include :

- Add a free standing chemistry wash with chemical isolation process to an existing straight DI cleaner.
- Add a free standing straight DI process to an existing chemistry based cleaner.
- Add an additional free standing wash section in front of your existing cleaner using the same cleaning process.
- The FSM can significantly reduce the time required to convert processes in a single wash configuration cleaner.
- The extensive set of optional features to expand process capability include:
 - 15 HP wash pump with mixed spray technology
 - S jet nozzles in CI and PW
 - Chemical metering pump
 - Additional levels of filtration and misprint cleaning feature
 - Digital flow meters



AS FSM with wash pump upgrade with mixed spray technology and chemical isolation as shown.

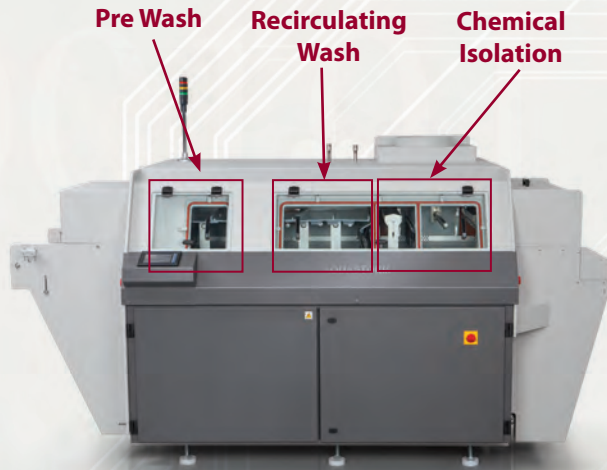
Field Proven Technology and Performance

The Aquastorm name holds the reputation for being the most robust, as having the longest product life cycle, and set's the benchmark for all other cleaners in the market. The Aquastorm FSM utilizes identical technology with the same set of options as the Aquastorm 100 in-line cleaning series. The cabinet is available in textured scratch resistant polypropylene while quick connect seamless stainless steel plumbing in all wet sections and a stainless steel drain line are standard features.

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Aquastorm FSM with Chemical Isolation, wash module pump upgrade with mixed spray technology as shown:



Custom and Special Cleaning

With over 45 years of innovation and process leadership in the cleaning industry, Electrovert is committed to developing new products and services for most cleaning applications. No matter what the cleaning requirement or challenge may be, please contact our experts to discuss a complete and effective solution.

World Wide Support

The employees of Electrovert are dedicated to providing world class service and support to our global partners. With facilities in the USA, Mexico, Europe, Asia and an extensive network of service, applications, and process engineers, Electrovert is positioned to support our customer's requirements. All Electrovert cleaning, wave and reflow equipment are designed and built in Camdenton, Missouri USA.

		Feature		Straight DI Aqueous	Chemistry/Straight DI
Modules	Module	Internal to machine	S	Load, Pre Wash, Recirculating Wash, Unload	Load, Pre Wash, Recirculating Wash, Chemical Isolation, Unload
Physical Characteristics	Material Type	Construction (cabinet, tanks, and all process areas)	S	Scratch resistance polypropylene	Scratch resistance polypropylene
		Process Plumbing	S	Type 304 Stainless Steel	Type 304 Stainless Steel
		Drain Line Plumbing	S	Type 304 Stainless Steel	Type 304 Stainless Steel
	Machine Dimensions	Length	S	114.95" (2919.73 mm)	114.95" (2919.73 mm)
		Width	S	61.96" (1573.78 mm)	61.96" (1573.78 mm)
Height		S	58.51" (1486.15mm)	58.51" (1486.15mm)	
Operating Characteristics	Process Width	Maximum Product Width	S	20" (508 mm)	20" (508 mm)
			O	24" (610 mm)	24" (610 mm)
	Conveyor	Load Module	S	24" (610 mm) Horizontal	24" (610 mm) Horizontal
		Unload Module	S	19" (482.6 mm) Horizontal	19" (482.6 mm) Horizontal
		Maximum Product Height	S	4" (102 mm)	4" (102 mm)
		SMEMA	O	SMEMA Electrical Interface	SMEMA Electrical Interface
	Wash	Tank Capacity	S	80 gallon (303 liter)	80 gallon (303 liter)
		Maximum Operating Temperature	S	Polypropylene: 160°F (71°C)	Polypropylene: 160°F (71°C)
		Recirculating Wash Pump Size	S	10 HP Standard 15 HP Optional	10 HP Standard 15 HP Optional
		Air Knife Blow Off	S	3.5 HP Blower 1 top / 1 bottom air knives	NA
	Chemical Isolation	S	NA	3.5 HP Blower 2 top / 1 bottom air knives 1 top / 1 bottom spray bars	
User Interface	Easy User Interface	S	Touch Screen PLC	Touch Screen PLC	
Country of Origin	Made in USA	Factory based R&D and Applications Engineering		Camdenton, MO USA	Camdenton, MO USA

O = Optional; S = Standard

ITW EAE is a division of Illinois Tool Works, Inc. It is a consolidation of all of its Electronic Assembly Equipment and Thermal Processing Technology. The group includes world-class products from MPM, Camalot, Electrovert (Speedline), Vitronics Soltec and Despatch.