

Aquastorm® 60

In-Line Cleaning System

Matching Footprint to Application

The Aquastorm 60 in-line cleaning system is ideal for PCB, semiconductor, and industrial cleaning type applications in which the manufacturing volume has outgrown the capability of a batch type cleaner and/or lack the floor space requirements of a typical in-line cleaner. With its compact design and small footprint, the Aquastorm 60 offers high-end performance capabilities as would expect from the Aquastorm brand name. For straight DI aqueous cleaning applications the total length is 6'9" (2103 mm) and for chemistry based applications the total length is 9'3" (2844 mm).



Complete Process Flexibility

The Aquastorm 60 provides an in-line technology based solution that is capable of removing all flux residues and contaminants from lead and lead-free processes including rosin, no-clean, and water soluble type applications. The Aquastorm 60 is also used in surface cleaning, surface preparation, parts cleaning, and high reliability industrial cleaning environments. A full set of features and options are available to maximize cleaning performance and process flexibility.

Construction and Design

Design, construction, and quality are key attributes that contribute to the long history and success of the Aquastorm series cleaning systems. Combined with innovative technologies and performance, the Aquastorm continues to be the industry leader and set's the benchmark for all other cleaners in the market. The Aquastorm 60 is available in either an all stainless steel construction (cabinet, tanks, and all process areas) or in our textured scratch resistant polypropylene. A standard feature includes our quick connect seamless stainless steel plumbing in all wet sections and a stainless steel drain line.



Direct Dynamic Impingement

Cleaning for high reliability products requires a cleaning system that offers the flexibility to maximize the cleaning process. The Aquastorm 60 offers a range of mixed spray technologies within the Wash and Rinse sections including V fan type, S-jet, and Jet Impact Cleaning (JIC) nozzle types. The fluid delivery system includes 10 HP pumps as standard.

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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, Recirculating Wash, Rinse, Dry, Unload	Load, Recirculating Wash, Chemical Isolation, Recirculating Rinse, Final Rinse, Dry, Unload
Physical Characteristics	Material Type	Construction (cabinet, tanks, and all process areas)	S	Scratch resistance polypropylene	Scratch resistance polypropylene
		Process Plumbing	O	Type 304 Stainless Steel	Type 304 Stainless Steel
			S	Type 304 Stainless Steel	Type 304 Stainless Steel
			S	Type 304 Stainless Steel	Type 304 Stainless Steel
	Machine Dimensions	Length	S	82.8" (2103 mm)	111.9" (2844 mm)
		Width	S	56.6" (1439 mm)	56.6" (1439 mm)
Height		S	53.8" (1368 mm)	53.8" (1368 mm)	
Operating Characteristics	Process Width	Maximum Product Width	S	16" (406 mm)	16" (406 mm)
		Conveyor	Load Module	S	12" (306.5 mm) Horizontal
	Unload Module		S	13" (359.5 mm) Horizontal	13" (359.5 mm) Horizontal
	Maximum Product Height		S	4" (102 mm)	4" (102 mm)
	Wash	Tank Capacity	S	42 gallon (159 liter)	43 gallon (163 liter)
		Maximum Operating Temperature	S	Polypropylene: 160°F (71°C) Stainless Steel: 180°F (82°C)	Polypropylene: 160°F (71°C) Stainless Steel: 180°F (82°C)
		Pump Size	S	10 HP	10 HP
	Rinse	Tank Capacity	S	42 gallon (159 liter)	42 gallon (159 liter)
		Maximum Operating Temperature	S	Polypropylene: 160°F (71°C) Stainless Steel: 180°F (82°C)	Polypropylene: 160°F (71°C) Stainless Steel: 180°F (82°C)
		Pump Size	S	10 HP	10 HP
	Dry	Blower Size	S	10 HP	10 HP
		IR heater	O	160°F (71°C)	160°F (71°C)
	User Interface	Easy User Interface	S	Touch Screen PLC	Touch Screen PLC
	Country of Origin	Made in USA	Factory based R&D, Software Engineering, and Applications Support		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.