FinnSonic
Addicted to Cleanliness.

V03 MI-Range

ADVANCED V03 CONTROL SYSTEM

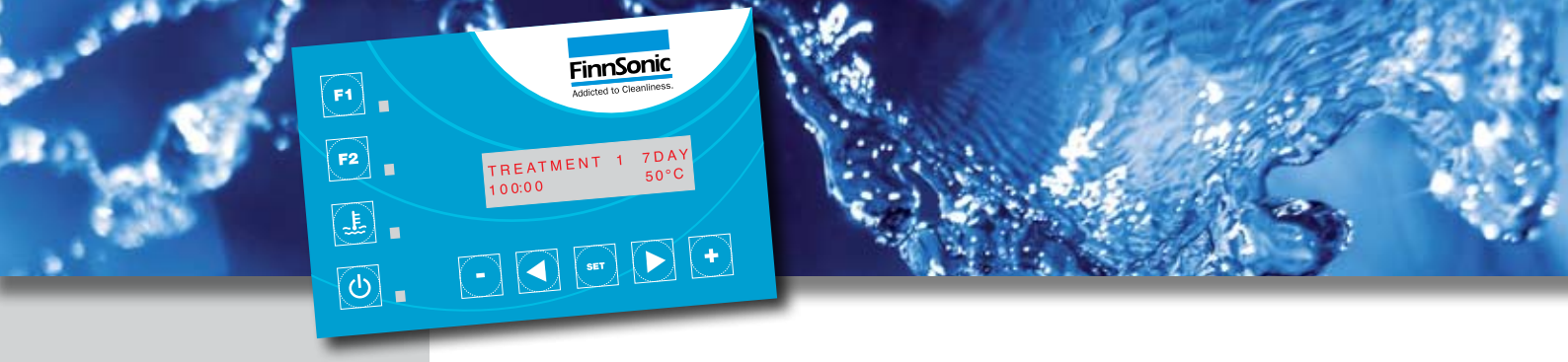
NEW

Peak Performance for Demanding Parts Cleaning

Achieve required cleanliness with FinnSonic single- or multi-stage modular cleaning solution. The advanced FinnSonic V03 control provides new and unique features for maximum success of the cleanliness process.

Manage the cleanliness process with the easy to use FinnSonic V03 control system.

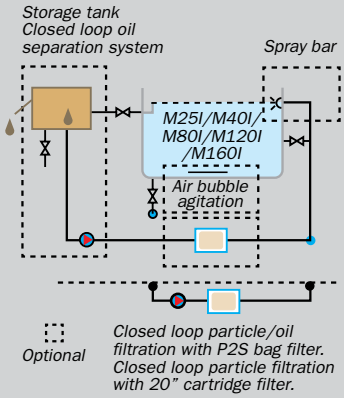
- Maintain an effective work day schedule with **7 day timer** for control of heating on/off requirements.
- Flexibility to activate treatment from your own PLC with **external control** feature.
- Maintain cleanliness **process integrity** by controlling the maximum temperature during the entire cleanliness process.
- For **process optimization**, **temperature interlock** ensures that temperature cannot be changed from the panel and process will not begin before set temperature is reached.
- **Program selection** from memory according to part cleanliness requirement.

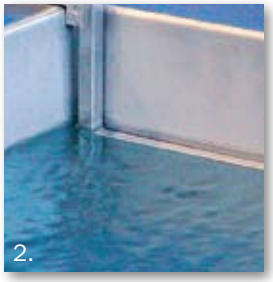


FINNSONIC MI-RANGE ULTRASONIC CLEANING SOLUTIONS

WASH

FinnSonic's success in providing precision cleanliness solutions is based to powerful ultrasonics. FinnSonic offers a variety of solutions which include bottom or side transducers. Full width overflow weir with cut-off valve for surface skimming is a standard feature. For components not suitable for ultrasonic cleaning, FinnSonic offers the jet turbulation technique with spray under immersion.





1. Full width overflow weir is a standard feature 2. Spray bar for surface skimming
3. Air bubble agitation for effective rinsing

RINSE

Detergent residues are removed from part surface by rinsing. Further effect to the rinsing can be provided by optional air bubble agitation. Spotless rinsing results are achieved with demineralised water. For non-heated dewatering fluids, optional FinnSonic dewatering units are recommended.

DRY

Circulating hot air provides corrosion protection and effective logistics even for the most complicated parts.

FLUID HANDLING

FinnSonic fluid handling options assist in achieving the required cleanliness level and reduce operating costs. Closed loop filtration and oil removal options increase the life of wash and rinse liquids while providing a more consistent cleanliness result. Free oil can be removed from the wash liquid by surface skimming and storage tank with an oil separation system.

ENVIRONMENT

FinnSonic maintains a positive awareness of the environment by providing attention to environmental impacts of materials through constant development of environmentally friendly processes.

TECHNICAL INFORMATION

Ultrasonic cleanliness solutions

Technical information	M25I	M40I	M80I	M120I	M160I	M160I2400
Volume l	25	40	80	120	160	160
External dimensions mm	540x400x500	640x390x540	760x460x720	740 x 580 x 750	1340x460x770	1340x460x770
Tank dimensions mm	385x280x250	460x265x300	585x330x400	585 x 450 x 450	1180x330x400	1180x330x400
Wash basket dimensions mm	345x240x195	420x225x225	540x290x340	540 x 400 x 390	1110x280x300	1110x280x300
Ultrasonic power W nom./peak	300/600	600/1200	1200/2400	1200/2400	1200/2400	2400/4800
Ultrasonic frequency kHz	30*)	30*)	30*)	30*)	30*)	30*)
Heating power W	1000	1500	2000	4000	6000	6000
Voltage V/Hz	230/50	230/50	230/50	(230)/400/50	(230)/400/50	(230)/400/50
Filling valve	R 1/4	R 1/4	R 1/4	R 1/4	R 1/4	R 1/4
Drain valve	R 3/4	R 3/4	R 3/4	R 3/4	R 3/4	R 3/4
Overflow weir valve	R 3/4	R 3/4	R 3/4	R 3/4	R 3/4	R 3/4
Connecting load W	1300	2100	3200	5200	7200	8400

*) Available alternatively at 40kHz

ISO 9001
ISO 14001

FinnSonic
Addicted to Cleanliness.

FinnSonic Oy, Parikankatu 8, 15170 Lahti, Finland
tel. +358 3 883 030, fax +358 3 883 0330
sales@finnsonic.com, www.finnsonic.com