

The logo for FinnSonic, featuring the company name in a bold, sans-serif font with a blue horizontal bar above it.

Addicted to Cleanliness.

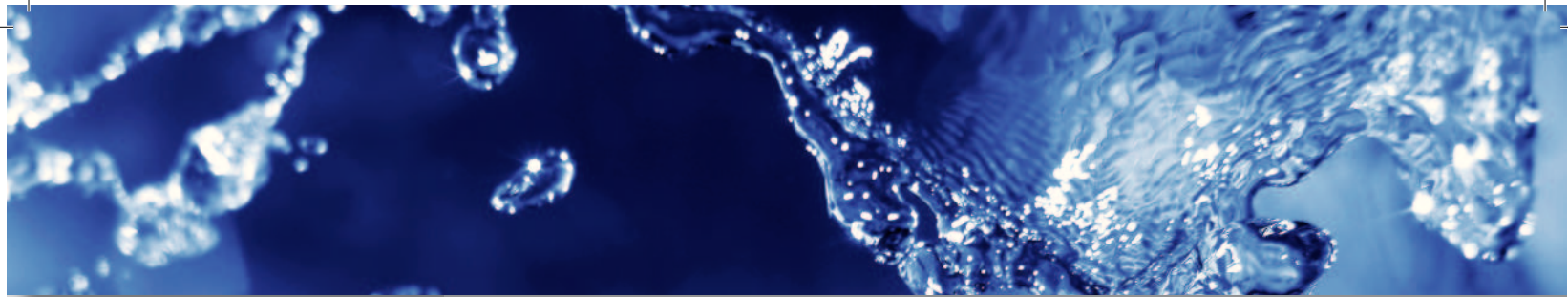
Optisol KP

## OPTISOL KP VACUUM SOLVENT PARTS CLEANING SOLUTIONS



### Value Added Parts Cleaning Solution

- Fully enclosed single wash chamber machine operating completely under vacuum eliminating harmful effects to the environment while achieving excellent parts cleaning result.
- Touchscreen control with network capability. Optional Teleservice link available for remote monitoring.
- Single cleaning chamber allows for multifunction cleaning stages.
- Continuous vacuum operation eliminates air pockets to provide deeper cleaning in recesses, blind holes and better removal of swarfs, chips, emulsions, oil and other solids.
- Automated basket transport systems with basket identification to reduce or eliminate manual handling, allow continuous machine operation.
- Systems are available to run with chlorinated solvents, PCE, hydrocarbon solvents or modified alcohols.



**VACUUM TECHNOLOGY** ►

Optisol KP is based to continuous vacuum parts cleaning solutions utilizing chlorinated, hydrocarbon or modified alcohol solvents. The fully enclosed solution provides an excellent solution to achieve a high parts cleaning result in industrial precision parts cleaning while imposing no harmful effects to the environment. Part integrity is maintained due to low operating temperature under vacuum.

**WASH** ►

The single cleaning chamber can accept up to 3 baskets of contaminated parts for all stages of the parts cleaning cycle. Various wash stages available in Optisol KP include spray, immersion and ultrasonic cleaning. Washing efficiency and full solvent drainage is achieved by fully programmable basket movement including any combination of static, tilting or rotation. Operation under continuous vacuum assures no development of air pockets thereby further enhancing washing efficiency.

**RINSE/DRY** ►

Programmable rinsing cycle after the wash is made by the creation of vapor. Solvent is heated in the main boiler which then permits vapor to move to the cleaning chamber to condensate and rinse the parts.

Programmable drying cycle is under higher vacuum to bring the boiling point of the solvent to lower temperatures for complete evaporation of any solvent inside even the most complex features of the part. Complete part and chamber drying will provide safety for environment and operator.

**RUST INHIBITOR** ►

For application of oil based rust inhibitor to parts, a rust inhibitor tank may be added to the Optisol KP system.

**SOLVENT HANDLING** ►

Maintenance of the solvent integrity is accomplished by distillation of the solvent by means of continuous vapor boiler in the distillation loop. Electrical heaters, temperature and level sensors in the boiler assure appropriate safe temperature throughout the cycle.

**AUTOMATION** ►

A variety of automation options exists with respect to the basket transport and identification solutions. Basket lift, conveyor system transport as well as multi machine automation connectivity is available depending upon requirements.

**TECHNICAL INFORMATION** ►

	KP 50 H/MA	KP 100 H/MA	KP 150 H/MA	KP 50 S	KP 100 S	KP 150 S
	Hydrocarbons in VbF class A3 Modified alcohols (alkoxy-propanols)			Chlorinated solvents PCE		
<b>Overall dimensions (mm)</b>						
Width	1750	1900	1900	1750	1900	1900
Depth	1750	2150	2150	1500	2150	2150
Height	2600	2600	2600	2600	2600	2600
<b>Basket capacity</b>						
Length (mm)	450	600	900	450	600	900
Width (mm)	300	450	450	300	450	450
Height (mm)	200	200	200	200	200	200
Weight (kg)	50	100	150	50	100	150
<b>Cycles / hour</b>						
Depending on cleaning process and treatment times	Up to 8	Up to 8	Up to 8	Up to 5	Up to 5	Up to 5
Empty Weight of machine (kg)	2000	2700	3000	1400	1800	2400

For more detailed technical specifications, please contact your nearest Optisol sales professional.



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