



WasteWizard®

- Aqueous cleaner recycling
- Vibratory compound recycling
- Mop water recycling
- Synthetic coolant recycling

The WasteWizard system's ability to recycle cleaners and finishing compounds continuously is unparalleled and can save many thousands of dollars in chemical usage, labor, waste processing and hauling. In addition, WasteWizard system recycled fluids will save on product rework costs by improving cleaning / finishing quality and consistency that typically go off-spec as the oil and dirt contaminants build up in the process sump.

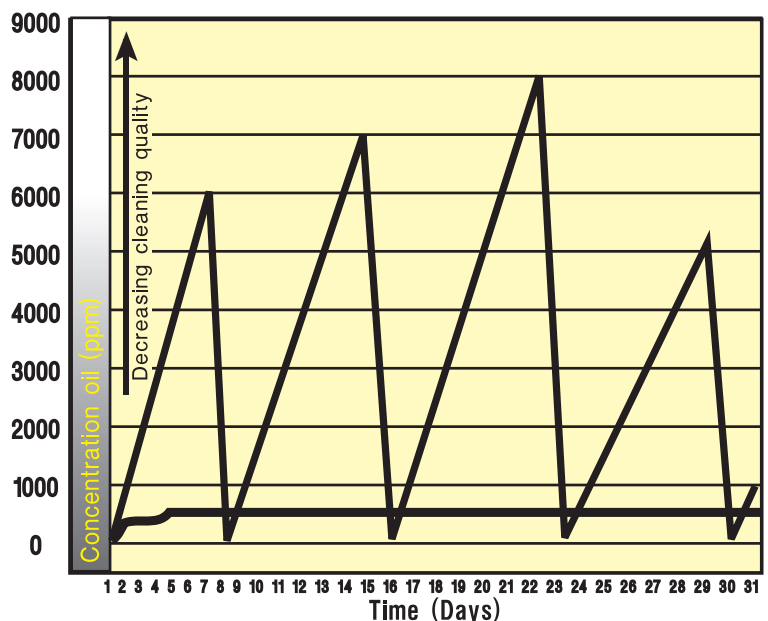
Features and Benefits

- Re-purifies for reuse up to 85% of spent cleaners and coolants
- Drastically lowers disposal cost. Reduces oily waste generated by up to 99%.
- Minimal operator attention
- Simple to use – self-contained design
- No pre-filtration; made to handle high solids
- Automatic cleaning cycles via programmed permeate shut-off
- Low cost, easy installation, simple plug-in and run design
- Small footprint, fits in 55 gal (200 L) drum
- Made for point-of-use simplicity
- Patented Osmonics UltraFiloc® membranes assure highest output



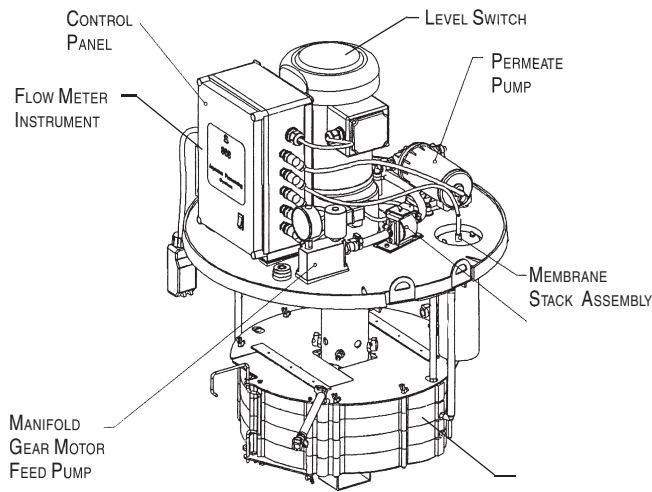
The WasteWizard system is a compact, fully integrated system for point-of-use recycling. The system comes complete with its own fluid transfer system that automatically exchanges the dirty cleaner from the washer with recycled cleaner.

The WasteWizard system sits on a standard 55 gallon (200 L) drum or optional 100 gallon (380 L) tank for convenient waste disposal once the oil and solids have been concentrated to a high level.



WasteWizard SYSTEM

Continuous Filtration of Cleaner Bath



APPROXIMATE DRY WEIGHT	
1 stack	196 lbs (89 kgs)
2 stack	200 lbs (91 kgs)
3 stack	204 lbs (93 kgs)
5 stack	241 lbs (110 kgs)

GENERAL SPECIFICATIONS		
MODEL	GPD permeate at 77°F	M ³ PER DAY AT 25°C
WW-1	100	0.38
WW-2	200	0.76
WW-3	300	1.14
WW-4	400	1.51
WW-5	500	1.89

ELECTRICAL REQUIREMENTS					
	WW-120	WW-460	WW-230	WW-380	WW-400
Power	120 VAC (13.5 Amps) 1-Phase 60 Hz	480 VAC (3.5 Amps) 3-Phase 60 Hz	230 VAC (7.6 Amps) 1-Phase 50 Hz	400 VAC (4.3 Amps) 3-Phase 50 Hz	400 VAC (2.4 Amps) 3-Phase 50 Hz
Amps	15A	20A	16A	16A	16A

REPLACEMENT MEMBRANE STACK for WasteWizard	
MEMBRANE PLATE STACK	PART NUMBER
WW-1 Stack	1220942
WW-2 Stack	1220946
WW-3 Stack	1220947
WW-4 Stack	1220948
WW-5 Stack	1220949

PROCESS TANK / DRUM for WasteWizard	
DESCRIPTION	PART NUMBER
Tank, WWiz Process, 304 SS 100 gal (380 L) with Service Lift Top	1232033
Drum, WWiz Process, 304 SS, 55 gal (208 L)	1231862

INDUSTRIAL FLUID RECYCLING SYSTEMS

MiniWizard™ SYSTEM

The MiniWizard system is a unique extension of the revolutionary filtration technology that began with the WasteWizard® series of industrial fluid recycling systems. The MiniWizard has the same proprietary membrane and unique fluid dynamics as the WasteWizard system, but is designed for smaller volume applications (10-50 gpd). The MiniWizard system is designed to recycle water-based industrial fluids and is ideally suited for small sink-on-a-drum aqueous parts cleaners.

Features and Benefits

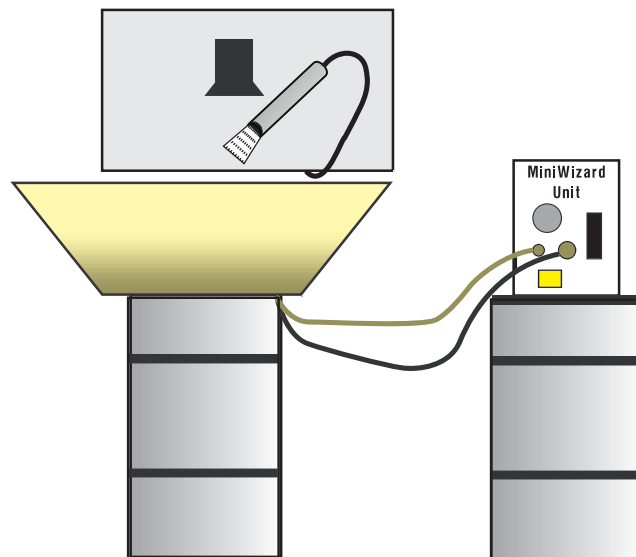
- Designed for point-of-use recycling
- Lower disposal costs reducing waste volumes by 99%
- Plug and play installation featuring power cord and two hoses
- Small footprint, fits on a 16 gallon (60 L) drum
- Minimal maintenance requirements
- Low cost, disposable filters eliminate time-consuming cleaning cycles
- Patented Osmonics UltraFlic® membranes assure high flows and high material resistance

Applications

The MiniWizard system provides continuous filtration of several types of industrial fluids. Use of the MiniWizard system results in reduced labor costs, reduced chemical usage, reduced waste hauling and processing costs, as well as improved product quality. The primary applications for the MiniWizard system are:

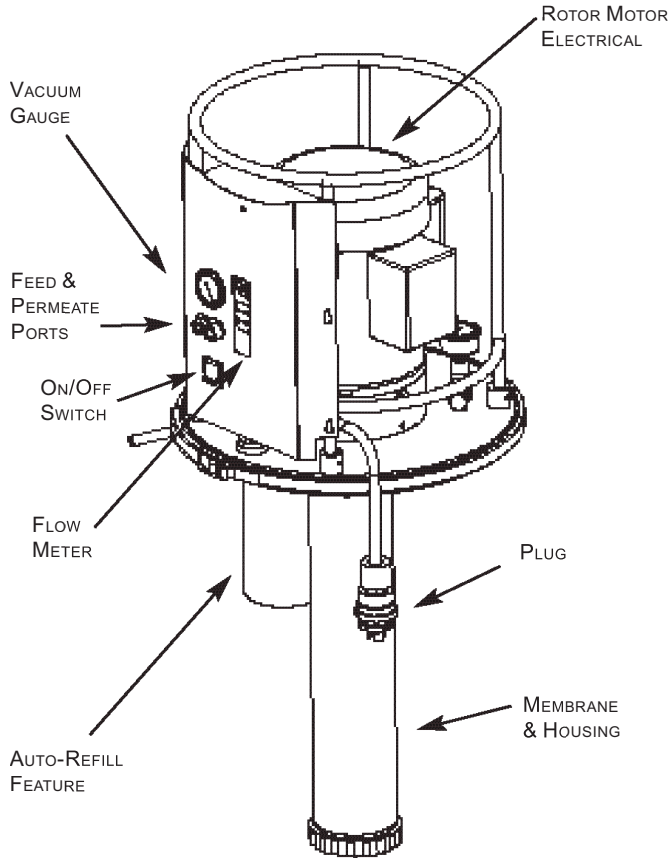
- Aqueous cleaner recycling
- Mop water recycling
- Synthetic metal working fluid recycling
- Press wash down waters

Continuous Filtration of Cleaner Bath



The MiniWizard fluid recycling system was developed to meet the growing need to purify and recycle spent industrial fluids. The MiniWizard system is designed as an automated, point-of-use device for factory floor ideal for cellular manufacturing and small parts washing operations, such as metal finishing and automotive garage shops.

MINI WIZARD SYSTEM Specifications

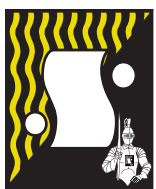


	MiniWizard-110	MiniWizard-220
Operating temperature	2 gph (7.6 lph)	60 - 180°F (4 - 82°C)
Flow rate @ 77°F (25°C)	1/3 hp (.2 kw)	2 gph (7.6 lph)
Motor horsepower	110 VAC	1/3 hp (.2 kw)
Voltage	1 Ph	220 VAC
Phase	60 hz	1 Ph
Frequency	15 A	50 hz
Current	0.6 kw	65 A
Power		0.6 kw

60 - 180°F (4 - 82°C)

APPROXIMATE DRY WEIGHT	
MiniWizard 110, 220	110 lbs. (50 kg)
MiniWizard Membrane 3-pack	25 lbs. (12 kg)
Miniwizard Box Dimensions	16" x 18" x 40" 41 x 46 x 408 cm
Miniwizard Membrane 3-pack	12" x 12" x 24" 31 x 31 x 46 cm

MiniWizard REPLACEMENT CARTRIDGES	
MiniWizard 110, 220	110 lbs. (50 kg)
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