

# STINGRAY MART EQ-1 WASTEWATER PROCESSOR SYSTEM SPECIFICATIONS

## Features & General Construction:



- Low Water Discharge Pump Shut-Off
- Carbon or Stainless Steel Cabinet & Reservoir: 7-gauge, 3/16" Thickness
- 120 VAC, 60 Hz, Single-Phase Controls
- Rinse System to Flush Upper Tank
- Sight Glass for Flocculating Detection
- Ground Fault Interrupter for Safety
- Stainless Steel Discharge Pump (1/3 hp, 30gpm @ 10 ft)
- Mixer w/ 304SS Blade & Shaft (3/4 hp, 3,600 rpm)
- Magic Dust Sample Kit
- Filter Media (250 yard roll)
- Chemically resistant epoxy coating
- Approved by U.S. EPA Environmental Program

Overall Dimensions:	Standard Unit (250 gallon)	Ext. Unit (375 gallon)	Ext. Plus Unit (500 gallon)
Width:	68 inches	68 inches	68 inches
Depth:	52 inches	82 inches	112 inches
Height:	78 inches	78 inches	78 inches
Empty Weight:	1200 pounds	1400 pounds	1600 pounds
Upper Mixing Tank Capacity:	125 gallons	125 gallons	125 gallons
Lower Holding Tank Capacity:	125 gallons	250 gallons	375 gallons

## Benefits:

Processing Cost:	Average Cost is Below 30¢ per Gallon.
Processing Time:	20-25 Minute for 125 Gallons.
Steps:	One-step Processing.
Clarified Solution:	Recycle & Reuse - add <b>ION EXCHANGE</b> for Sewer Disposal*.
Cleaning Chemical:	Up to 85% of Active Chemical Recycled.
Water Content of Waste:	Less than 10% Prior to Curing.
Waste Volume:	Less than 5% of Treated Batch.
Disposal:	May be eligible for Non-hazardous Landfill Disposal - Most Encapsulated Waste Passes TCLP Test.



## Optional Equipment:

### TRANSFER PUMP & CART ASSEMBLY

Air Operated Diaphragm Pump passes 2" solids. Cart-mounted Locking Swivel Casters. 15' Inlet Hose, 15' Outlet Hose with 1.5" male & female Cam Lock Fittings mate with EQ-1 Processor. Adjustable Flow Rate to 140 gpm.



### LOCKING CASTERS

Heavy duty casters mounted to lower reservoir for easy movement between work sites. Brakes and lowered center of gravity maximize safety and minimize tip over.



### \*ION EXCHANGE - FINAL POLISHING SYSTEM

Pre Filter with Depth wound Cartridge and ION Exchange Chamber with 0.5 cubic feet Resin. Filters heavy metals from discharge at Flow Rates up to 90 gal/hr. Effluent may be suitable for sewer discharge. Magnetically coupled pump, refillable resin chamber, flow control gage & valve, and discharge hose.

### HOSE ASSEMBLY

1.5" diameter Chemically-resistant Hose - 15' long with male & female Cam Lock Fittings. Mates with EQ-1 inlet and discharge ports.



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