



*wastewater solutions  
better environment.*

*h.com*

# CRS-m

## Chemical Recovery System

Recycle your Caustic or Acid after use

Reduce caustic and acid consumption and reduce wastewater discharge by using our membrane Chemical Recovery System.

*Why pay for caustic or acid and pay a municipal fee to dump after being used?*

An 80% reduction in caustic/acid consumption can be realized by recycling caustic after a caustic wash and recycling acid after rinsing. Reducing caustic and acid waste will also reduce the amount of wastewater to sewer. The combined cost **savings can usually pay for system in less than one year** (for large caustic users).

Compare to dumping after Wash and Rinse:

CRS-m	Caustic Waste	Benefit
Recycle Caustic/Acid	Buy More Caustic/Acid	Buy Less Caustic/Acid
Reduce Sewer Discharge	Pay for Sewer Discharge	Sewer Fees Reduced
Reduce Sewer Treatment	Neutralize before Discharge	Save by Treating Less
Turnkey System	Process as Wastewater	Simple to Operate
Unnecessary Waste	Costly to Dump	Environmental Benefit

Combine membrane technology and PLC Logic to get a chemical recovery system that is simple to operate and relatively maintenance free. All membrane functions are handled by the PLC and controls. This turnkey approach makes installation easy and headache free.

Since the CRS-m system is skid-mounted, combine multiple systems together to enjoy significant cost reduction benefits. Use our Fourteen-2-Seven CO<sub>2</sub> Neutralization System and our UF Membrane System for solids removal. The combined effects would be the lowest possible operating costs, minimized wastewater discharge, and simple, worry-free systems to process your wastewater discharge.

A demo unit is available for use in evaluating your application at your plant site.

