

REVOLUTIONIZE YOUR PRODUCTION<sup>®</sup>

Point of Use Water Recovery for High Technology Applications

0

R

MARITMAN



#### Continuous High Quality Process Water

Using advanced electrochemical technology, the **EthorCel**<sup>®</sup> produces a continuous stream of high quality process water to **optimize** process performance.

#### Save on Costs for Treatment and Disposal

**Recycling** valuable process water back into the production process can substantially minimize water pre-treatment and disposal costs.

## Automated Technology

With a **user-friendly control panel** and fully automated features, EthorCel<sup>®</sup> is a clean alternative to traditional water purification and wastewater treatment technologies.

# Unparalleled Service and Advanced Design

Awarded the "Innovation Product of the Year" by Environmental Business Journal.

Regular service and maintenance is provided by Exergy's professional service team.



process water produces almost 18.2 megaUnmcm of product. The quality is influenced by higher permeate conductivity of the feed.

#### Features at a glance

- **Clean** (electrochemical) technology with 90% water recovery total d issolved solids (TDS) reduction of 99%
- Low energy consumption
- **Low maintenance** and cost-effective water purification and recovery
- Produces **high-quality** permeates and concentrates rejects for recycling purposes

## Applications

- Recovery of rinse water and chemistries
- (copper, nickel, and noble metals)
- Industrial wastewater recovery

### **Benefits**

- Return on Investment (ROI) in 12-18 months
- **Cost of ownership (COO)** at 1/3 of conventional solutions with
- "One-step" separation of water and chemicals
- Compact and space saving skids
- Continuous water purification and recovery

## Markets

- Disk Drive
- Solar
- Printed Circuit Boards
- Lcds & Leds
- Semi-Conductor



#### **Exergy Technologies Corporation**

2082 Michelson Dr., Suite 100, Irvine, CA 92612 5941 Optical Court, San Jose, CA 95138 Phone: (949) 708-7900 Fax: (949) 713-0851 www.exergycorp.com