

# Automatic Ethanol Recovery and Decarboxylation

**maratek**  
Automate | Optimize | Scale

## OERS-SC

Oil and Ethanol Recovery Systems - SC-Series



50-600+  
Gallons/Day



99+% Recovery



Fully-Automated  
Remote Control



4 Processes  
in 1 System



Class I Div I Certified

[maratek.com](http://maratek.com)

est. 1967

## Oil and Ethanol Recovery Systems - SC-Series

Automatic  
Operation

99+%  
Ethanol  
Recovery

Optional  
Decarboxylation  
Phase

All Units  
Under  
8 Feet Tall

Automatic  
in line  
Dewatering

### Key Equipment Features:

- Recovery from 50 to 600+ gallons per day
- Ethanol, isopropyl, pentane, hexane, heptane, and more
- No labor during operation
- Automatic programmable PLC control system
- Secure remote access and control
- Pneumatic tilting for easy vessel access and cleaning
- Venturi Vacuum for low temperature processing
- Dual container filling & connection
- 304 & 316 stainless steel
- Class I Div I Group D explosion proof & safety certified (Metlab)
- GPP/GMP/cGMP/EUGMP designs available
- Automatic water diversion to reproof ethanol, optional Fractional Distillation upgrade available



### PRODUCTION GUARANTEE

We offer production throughput guarantees based on your stream parameters and stand behind these values with a money back guarantee.





# 4-in-1 Automatic Production Formula

Bulk  
Recovery

+

Residual  
Recovery

+

Decarb

+

Water  
Removal

=

OERS-SC

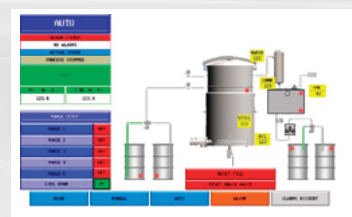
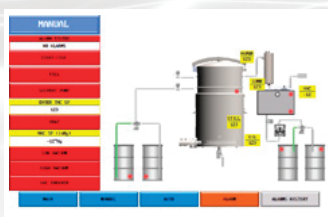


## World Class Technology, Automation and Service

**Lifetime remote service at no extra cost.**

**Minimize downtime.**

We can seamlessly resolve problems you may encounter right from our office with our remote access PLC. With your permission, we will be able to access your system controls to assist with diagnostics & troubleshooting to minimize downtime. Your organization will also have the same secure remote operational capabilities.



## Dewatering Explanation

- Maintain your ethanol grade and quality
- The OERS 4 in 1 Solution can automatically divert low grade Ethanol during recovery to maintain your ethanol proof. The set point is determined by both vapor temperature and automatic gravity readings. We can also equip a fractional distillation column to provide even higher proof recovered ethanol.

# About Maratek

Maratek is an award-winning industry leader in the solvent recycling and cannabis & hemp oil production industries. We strive for the highest safety and quality standards with all our equipment designated as Class 1 Division 1 certified, and UL listed using only North American stainless steel, parts, and labor.

For over 50 years, Maratek has been engineering & manufacturing environmentally-friendly, high quality products that recycle solvents for the printing, coatings, automotive, aerospace, food, and paint industries.

Maratek can also provide world-class engineering services to integrate systems and provide closed loop cannabis/hemp oil production processes.

## The Maratek Family of Cannabis Equipment and Services

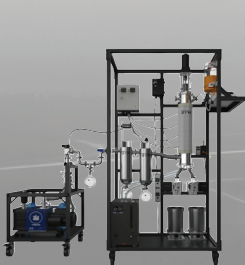
**Cryogenic Ethanol Extraction Series - EV - M**



**Oil and Ethanol Recovery Systems - OERS**



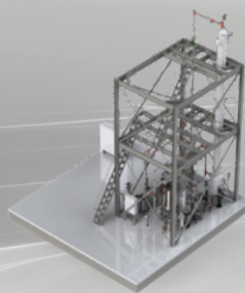
**Turnkey Automatic Winterization Systems - TAWS**



**Oil Distillation Systems**



**Isolate Production**



**Fractional Distillation and Dewatering Systems - F-Series**



**Engineering Services**

### Contact

References available upon request with installation in facilities across the US, Canada and globally. Contact us now for a quote on our extraction equipment!

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