

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

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
- Secure remote access and control system
- 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 and EU GMP Compliant
- 3A, Pharmaceutical and BPE design 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

+

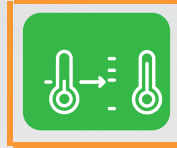
Decarb

+

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, or during additional processing, 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

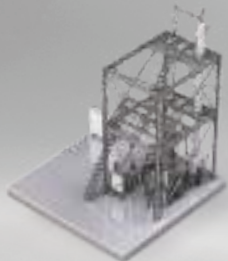
Maratek is an award-winning industry leader in the solvent recycling and cannabis & hemp oil production industries. We strive for the highest safety and quality standards with all our equipment designated as Class 1 Division 1 certified, and UL listed using only **North American stainless steel, parts,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

With over 50 years of experience in solvent waste and recovery industry, Maratek has solved a wide variety of engineering challenges. Let us provide world-class engineering services to integrate systems and provide closed loop cannabis & hemp oil production processes.

Cryogenic Ethanol Extraction Series - EV - M



Oil and Ethanol Recovery Systems - OERS & Helios

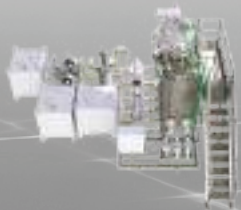


Fractional Distillation and Dewatering Systems - F-Series

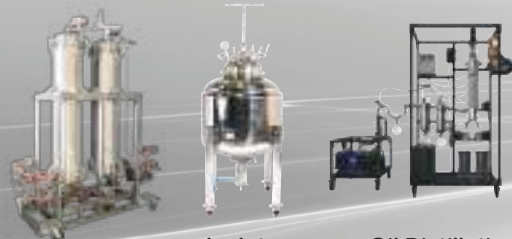
The Maratek Family of Cannabis & Hemp Equipment and Services



Water Extraction and Refining Trident and Poseidon



Turnkey Automatic Winterization Systems - TAWS



MIPs

Isolate Production

Oil Distillation Systems



Engineering Services

Contact

References available upon request with installations in facilities across the US, Canada and globally. Contact us now for a quote on our family of cannabis and hemp solutions!

Call: 905.857.2738 | Toll Free: 1.800.667.6272 | Email: sales@maratek.com | www.maratek.com

Canada
39 Nixon Road
Bolton, Ontario,
Canada,
L7E 1K1

USA
250 Monroe Ave
NW, Suite 400
Grand Rapids, MI
49503

Mexico
Fuente Bella 3299,
Ciudad de Mexico,
14130,
Mexico

