

Automatic Ethanol Recovery and Decarboxylation

maratek
Automate | Optimize | Scale

OERS-C

Oil and Ethanol Recovery Systems - C-Series



100-40,000+
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 - C-Series

Completely
Automated
Operation

99+%
Ethanol
Recovery

Optional
Decarboxylation
Phase

Clean in Place
and Data
Logging

Highest Level
of Safety C1D1
Certified

Key Equipment Features:



- Recovery from 100 to 40,000+ gallons per day
- Ethanol, isopropyl, pentane, hexane, heptane and more
- Allen Bradley PLC with programmable recipes
- Secure remote access and control
- High pressure Clean In Place (CIP)
- Industrial internal scrapers and agitators
- Automatic water diversion to reproof ethanol, optional Fractional Distillation upgrade available
- Patent pending
- 304 & 316 stainless steel
- Class I Div I Group D explosion proof & safety certified (Metlab)
- 3A, Pharmaceutical and BPE designs available
- GPP and EU GMP Compliant
- Powerful liquid ring vacuum for low temperature processing

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

+

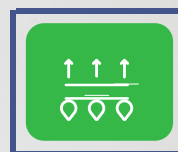
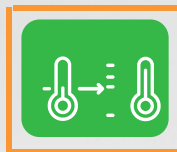
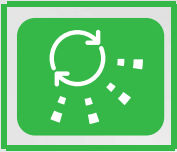
Decarb

+

Water Removal

=

OERS-C



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

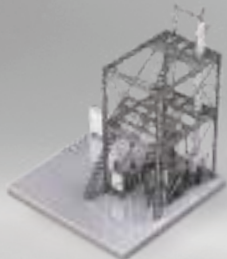
Maratek is an award-winning industry leader in the solvent recycling and cannabis & hemp oil production industries. We strive for the highest safety and quality standards with all our equipment designated as Class 1 Division 1 certified, and UL listed using only **North American stainless steel, parts,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

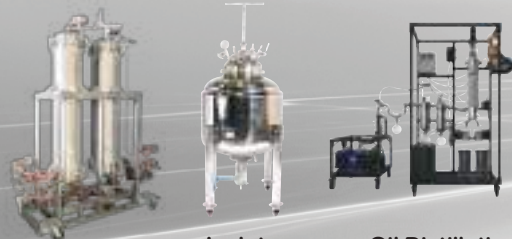
The Maratek Family of Cannabis & Hemp Equipment and Services



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!

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