

Cryogenic Ethanol Extraction System

maratek
Automate | Optimize | Scale

EX Series

20.EX & 40.EX Cryogenic Ethanol Centrifuge Extractors



Up to 40 lbs.
Per Cycle



15 - 20 Minute
Cycle Time



OERS Integration
Available



Lifetime
Steel Warranty

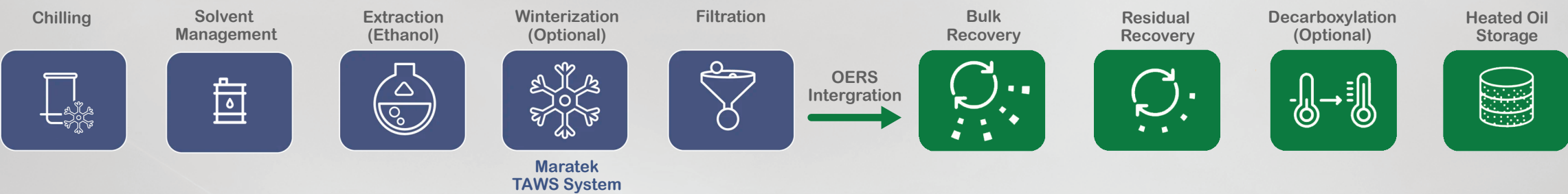


Class I Div II Certified

maratek.com

est. 1967

Cryogenic Ethanol Centrifuge Extractors



20.EX Ethanol Centrifuge Extractor

- Process approximately 500 lbs. of biomass per 8 hour shift
- Ethanol or pentane solvent (must be specified prior to delivery)
- 1850 RPM variable frequency drive
- 13-15 gallons of alcohol per run
- Up to 20 lbs. per cycle capacity
- Cycle time of 15-20 minutes
- -40°C temperature rating
- C1D1 centrifuge / C1D1 umbilical control panel / C1D1 tablet / UL / GMP

System Highlights

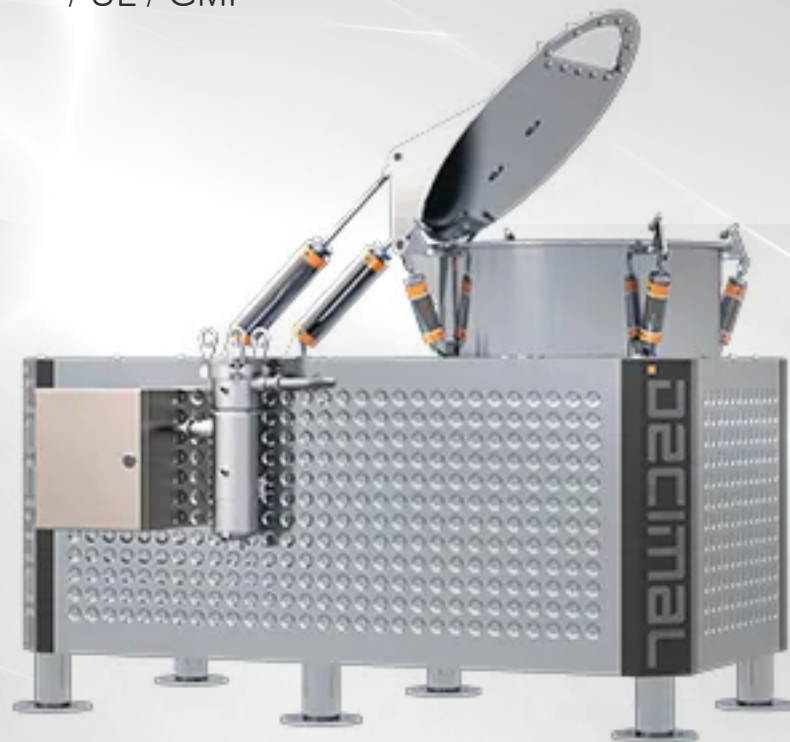
- Rated for use in C1D1 space with umbilical connection to control panel
- All operating parameters controlled remotely using explosion-proof touchscreen tablet
- Jacketed tank for maintaining cold temperatures during extraction
- Highly efficient removal of 98% cannabinoids and solvent
- Designed for safe single-user operation with minimal training
- Variable frequency drive shortens acceleration and breaking time
- All wetted parts are 304 L and 316 stainless steel
- Automated transfer between chilled solvent tanks, filtration and fallinf film recovery

40.EX Ethanol Centrifuge Extractor

- Process approximately 1000 lbs. of biomass per 8 hour shift
- Ethanol solvent
- In-line connection with chilled solvent feed, filtration and falling film solvent recovery
- Up to 40 lbs. per cycle capacity
- Cycle time of 15-20 minutes
- -40°C temperature rating
- C1D1 centrifuge / C1D2 Control panel / UL / GMP



C1D1

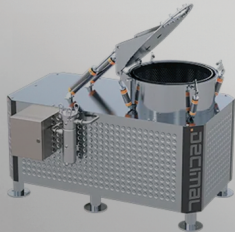


About Maratek

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.

Hydrocarbon Extraction - EX Series



Oil & Ethanol Recovery Systems - OERS & Helios

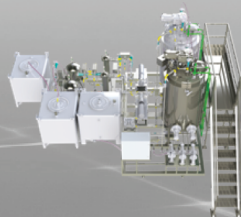


Solventless Hot Air Extraction
Vapor-Static System

The Maratek Family of Cannabis & Hemp Equipment and Services



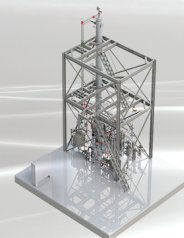
Water Extraction & Refining
Trident & Poseidon



Turnkey Automatic
Winterization Systems - TAWS



Hydrocarbon Extraction
HX Series



Fractional Distillation & Dewatering
Systems - F-Series

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

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