

VOTE FOR PULSAFEEDER!



Flow Control Magazine has Nominated ISOChem as a finalist for a 2020 Innovation Award

Click below to cast your Vote for ISOChem today

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Why ISOChem has been Selected as a Finalist:

ISOChem pumps are compact, magnetically-driven, sealless gear pumps designed to safely handle hazardous and expensive chemicals. For years, they've been used in a variety of industrial transfer and metering applications.

Within the last 12 months, ISOChem has seen record growth, because it precisely addresses the needs of CBD-oil extractors better than competitive pumps.

The rapidly-growing CBD-oil extraction market is a great example of a "new need for an experienced pump." Botanical extraction & solvent recovery applications require pulseless, controlled flow, reliability, simple maintenance, a small footprint and chemical compatibility. ISOChem – with its new Sanitary Tri-Clamp connection – offers the perfect mix of features, performance, reliability, price and immediate availability

A PERFECT FIT FOR ETHANOL CBD EXTRACTION
From structure to final product, Pulsafeeder gear pumps keep your product flowing through the distillation process.

Pulsafeeder
Over 70 years of industry experience, Pulsafeeder continuously adds to meet the best products and support after the sale. With our network of local representatives and dedicated technical support teams, we have earned a reputation for responsiveness and solving customer problems.

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	ISOChem	ECCO
Flexibility	👍👍👍	👍👍
Flow	👍👍👍	👍👍
Temperature	👍👍	👍👍
Reliability	👍👍	👍👍
Tri-Clamp Design	👍👍	👍👍
CBD Extractor Process	👍👍	👍👍
Order Speed/Lead Time	👍👍👍	👍👍

Contact us at 1-800-281-1781 or visit www.pulsafeeder.com to be connected with an expert representative near you.

A Perfect Fit for Ethanol CBD Extraction

Metering and Transfer Pumps for CBD Extraction
ISOChem, ISOchem, ECCO, Pulsafeeder

KEY INTERIOR PUMP ATTRIBUTES
Safety, Reliability, Performance, Durability

KEY CUSTOMER REQUIREMENTS
Precision, Reliability, Performance, Durability

The Right Pumps for the Job
The extraction process is a complex one, involving a variety of pumps and components. Pulsafeeder gear pumps are the perfect choice for this application. They are designed to handle the high viscosity and temperature of the extraction process, and they are built to last. Pulsafeeder gear pumps are the perfect choice for this application. They are designed to handle the high viscosity and temperature of the extraction process, and they are built to last.

Addressing the Pump Requirements for CBD Extraction

- **Flow:** Pulsafeeder pumps have a flow range of 10 gpm (380 lpm) to 100 gpm (3800 lpm).
- **Temperature:** Pulsafeeder pumps are designed to handle temperatures up to 300°C (572°F).
- **Material Construction:** Pulsafeeder pumps are available in a variety of materials, including stainless steel, titanium, and Hastelloy.
- **Reliability:** Pulsafeeder pumps have a proven track record of reliability and performance.
- **Support:** Pulsafeeder pumps are supported by a network of local representatives and technical support teams.

www.pulsafeeder.com

Pumps for Botanical Extraction

performance, reliability, price and immediate availability that CBD-oil extractors need..

Why ISOChem fits the Ethanol Extraction Market:

The pump requirements for ethanol extraction are:

- **Pressures** – up to 150 psig
- **Flow** – as low as .25 gpm (.93 lpm), up to up to 55 gpm (206 lpm)
- **Accuracy** – the precise handling of tincture, solvents, terpenes and CBD crude enhances yield and product quality
- **Temperatures** – between -40°F (-40°C) to 430°F (232°C)
- **Sanitary Connections** – similar to requirements for food & beverage applications
- **Reliability** – ISOChem has a 30 year track record in the field
- **Streamlined Maintenance** – Sealless mag drive means no leaks and minimal maintenance
- **Price** – significantly less expensive than diaphragm or peristaltic pumps
- **Availability** – ISOChem can be provisioned and delivered in a matter of days.

ISOChem offers the flow & pressure envelop needed to address any ethanol extraction process. It is a preferred choice in this industry for the following reasons:

1. **Reliability & simple maintenance** – the simplicity of ISOChem's design has been proven in the field for decades: It requires less maintenance than diaphragm designs or other types of metering pumps.
2. **Compact footprint** – Skid builders serving the CBD extraction market demand compact pump designs, because skid real estate is at a premium and there's a need to minimizing piping runs.
3. **Sanitary Tri-Clamp connections** – it is imperative to reduce the amount of hard-to-clean interior crevices & cavities in the pumps and the connections to the piping.
4. **Economical solution** – pumps sold into this marketplace must be economical.

ISOChem Named a Top Pump for 2019

MPT
Modern Pumping Today®

Modern Pumping Today Magazine Top Products for the Year

ISOChem Product Literature

Pulsafeeder Product Literature



CBD Extraction System with Pulsafeeder ISOChem and ECO Gear Pumps

TO VIEW OUR RECENT WEBINAR ON PUMPS FOR CBD EXTRACTION

[Click here](#)

This video and presentation materials are intended for your internal use and for the training of Pulsafeeder's authorized representatives.

Cast your Vote Today for ISOChem

[Vote Now](#)

If you have any questions on ISOChem, please contact Jeff Martin at JSMartin@idexcorp.com.



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