



**Infinity
Supercritical LLC**

Supercritical CO2 Hemp Oil Extraction Systems

Structured Data

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New for 2021 includes Molecular Hydrogen Skin Cream Machine for production of high value cosmetic skin cream using Hydrogen production via Sonochemistry also known as Sonohydrogen and Sono Hydro Gen.. Silent technology includes supercritical co2, oil-to-oil extraction using induction magnetic mixing, and eco friendly hydrodynamic cavitation water as the solvent in our closed-looped systems. The process can also be used for electrowinning, e-waste recycling, and lithium battery recycling, gold mining electronic wastes, precious metals. CO2 can also be used in a reverse fuel cell with nafion to make a gas-to-liquids fuel, such as methanol, ethanol and butanol or ethylene. Supercritical CO2 has also been used for treating nafion to make it more effective catalyst. SCO2 can remove water from wood as an alternative to conventional kiln drying."

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Infinity Supercritical has developed the most profitable Supercritical CO2 Extraction and Molecular Hydrogen Machines. Our CO2 terpene extraction system rapidly produces shelf-ready oils which make more money. Perfect for hemp oil extraction using environmentally friendly CO2 extraction equipment. Manufactures efficient oil extraction systems and machines for natural terpenes, flavorings, fragrance, hemp, beer hops, lavender and other botanicals. Now accepting bitcoin and other cryptocurrency. New for 2021 includes Molecular Hydrogen Skin Cream Machine for production of high value cosmetic skin cream using Hydrogen production via Sonochemistry also known as Sonohydrogen and Sono Hydro Gen.. Silent technology includes supercritical co2, oil-to-oil extraction using induction magnetic mixing, and eco friendly hydrodynamic cavitation water as the solvent in our closed-looped systems. The process can also be used for electrowinning, e-waste recycling, and lithium battery recycling, gold mining electronic wastes, precious metals. CO2 can also be used in a reverse fuel cell with nafion to make a gas-to-liquids fuel, such as methanol, ethanol and butanol or ethylene. Supercritical CO2 has also been used for treating nafion to make it more effective catalyst. SCO2 can remove water from wood as an alternative to conventional kiln drying.

PDF Version of the webpage (first 10 pages)

This webpage QR code

Molecular Hydrogen Skin Cream Production Machine

10L Molecular Hydrogen Production System by Infinity Supercritical LLC is perfect for producing Molecular Hydrogen and botanical oil or other ingredients into cosmetic skin cream or infusions.

10/17/2021



10/17/2021



Now Accepting Bitcoin and other Cryptocurrencies

Infinity is now taking Bitcoin for full priced systems, plans, licensing, and other purchases.

10/17/2021



\$149,000 Full 10L Standard Supercritical CO2 Extraction System

Supercritical CO2 Extractor 10L system for full spectrum botanical oil extraction. Standard Package Price: \$149,000

Great for botanical oil extraction and terpene harvesting. Bottle direct from the machine for full spectrum oil.

Includes :

- chiller
- spare parts (o-rings and some consumables)
- extra new CO2 pump
- professional training via Zoom or online from actual Infinity Supercritical business owner who has two 10L machines and running a successful business in the botanicals industry
- professional build plywood and framed crate
- surface freight with professional lift-gate pick-up and delivery
- freight insurance to anywhere lower 48 USA

Made in the USA using parts fabricated and assembled in the USA.

10/17/2021



Hemp Eco Extraction using Hydrodynamic Cavitation and Water

The challenges with legacy extraction technologies results in long processing times, poor quality product (like ethanol extraction), operator error, and large operating expenses.

The result of our efforts have focussed on push-button controlled aqueous extraction.

Using the SDR (Spinning Disc Reactor) shortens reaction time to just under a second using mechanically rotating discs. What is unique about this process is that you can perform multiple functions with the same technology including extraction, filtration, separation, and flow all using spinning water.



\$49,000 10L CO2 Extractor System Zero Hours Ready for Fall Harvest

Supercritical CO2 Extractor 10L system for full spectrum botanical oil extraction. Zero hours crated system. Only requires supply of CO2 and chiller to fully operate. You can buy separate chiller (12,000 btu capacity and goes down to 0F).

Demo Price \$49,000

Options at time of order :

-chiller \$8,000

-extra new CO2 pump \$2,500

-purchase warranty at time of order for \$10,000 per month.

-professional training via Zoom or online from actual Infinity Supercritical business owner who has two 10L machines and running a successful business in the botanicals industry

-professional build plywood and framed crate, surface freight with professional lift-gate pick-up and delivery, freight insurance to anywhere lower 48 USA \$2,500

Build in the USA using parts fabricated and assembled in the USA.

Note: This system produces an extract that has an very long shelf-life compared to other extracts (like ethanol or BHO extractions).

This system is built like a tank. Powder coated caster beams with 5 inch heavy duty casters for easy movement.

This system is compact and will fit through any standard door, hallway, or elevator.

System operation is manually set parameters, with automatic feedback PID to maintain temperature and pressure. Set it and watch the extraction.

System is designed for maximum 2,000 psi operation. Most processors use 1,400 psi or less.

Terpene extraction can be done running cold prior to turning on the heat for FSO extraction. This system is great for hemp, lavender, vanilla, pinene, and other valuable terp extractions.

10/17/2021



Supercritical CO2 Extractor Build Licensing

Infinity Supercritical is now offering build licenses for its popular and successful CO2 extraction system:

- A. Business: Single Build License: \$1,999
- B. Commercial: North America Build License: \$19,999
- C. Industrial: Worldwide Unlimited Build License: \$99,999
- D. Exclusive Build License (per country): \$999,999

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Molecular Hydrogen

Hydrogen can be added to the botanical extraction process, or when making full spectrum oil, hemp water, or hemp creams.

What is Molecular Hydrogen ?

Hydrogen has great potential in the regulation of oxidative stress, inflammation, energy metabolism of organelles, and programmed cell death. Many animal experiments and clinical trials have established the protective effects of hydrogen on many organs and systems.

Recent evidence has shown that hydrogen is a potent antioxidative, antiapoptotic and anti-inflammatory agent and so may have potential medical applications in cells, tissues and organs.

Hydrogen is extremely unique since it has the capability to act at the cellular level. Hydrogen is qualified to cross the blood brain barrier, to enter the mitochondria, and even has the ability to translocate to the nucleus under certain conditions.

The effects of Hydrogen enriched water or other methods is most beneficial for subjects over the age of 30.



New Surplus and Used Parts for Sale For Supercritical CO2 Extraction Machine

Infinity is now offering new and used parts and components for sale.

These include collection vessels, Cat liquid CO2 pumps, Swagelok fittings, Motors, BackPressure Valves, Seals, Valves, Band Heaters, and other items.

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Sell Products Showcase For Plant Extracts

The Infinity Supercritical CO2 hemp extractor can make craft extractions for your organic hemp flower. These range from making infused hemp cigarettes, hemp cigars (\$20/each retail), tinctures, D8, and skin creams. We have a separate skin cream maker system which uses touch-free induction mixing for high value skin cream products (not limited to hemp, but can use any infused oil or botanicals).

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Starting a Hemp Extraction Business

With the incessant demand for consumer grade hemp rich products, along with isolate for product infusion, there is a bottleneck between harvest and concentrate extraction. This is because most farmers don't have funding or capabilities to perform extraction. Third party extractors, termed toll processors, often demand a 50 percent toll for their services. Unfortunately, there aren't many processors available and many are unreliable.

Of the extraction systems available on the market, they are high-priced, legacy-based systems that perform inefficiently, and effectively cause a bottleneck in processing.

Infinity Supercritical recognized these inherent issues in 2015, and established a line of technologically advanced extraction systems.

Opportunity for this market exists as processors scramble to meet demand, with legacy extraction systems.



