

ETHANOL EXTRACTION DELTA CUP-5

The Delta CUP-5 is our newest innovation. Designed for small scale processors, prototype labs, and education research labs. The Delta CUP-5 does not require a C1D2 environment. Combining closed-loop, cold alcohol extraction technology with mechanical centrifugation ensures a high-purity end-product.



3.5 LBS
(1.6 KG)

Plant Material Per Batch
(depending on mill size)



2-12 MIN

Average Run Time
(depending SOP)

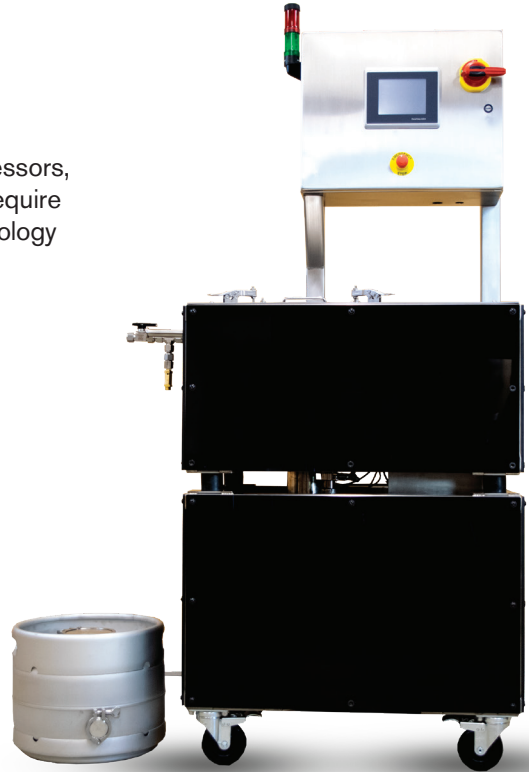


5 GAL.
(18.9 LITERS)

Ethanol Requirement Per Run

Hazardous and Non-Hazardous Location Options Available

MADE IN USA



DELTA CUP-5 TECHNICAL INFORMATION

VESSEL

- Enclosed frame design makes cleaning fast and easy
- Solvent Feed Port: 0.75" (1.9cm) Sanitary Tri-clamp Fitting (40" hose included)
- 0.5" (1.3cm) Discharge Vent and Pressure Relief Port
- 1.5" (3.81 cm) Tri-clamp Bottom Drain (22" hose included)
- Jacketed Vessel, 0.75 Gallon (2.84 Liters)

DIMENSIONS

- Delta CUP-5 w/o Auxiliary Components
(32.3"L x 24"W x 71.6"H)
(82cm L x 60.96cm W x 182cm H)
- 5 gallon (20 Liter) Keg w/ Catch Tray
(18.5"L x 22.25"W x 20.13"H)
(47cm L x 56.5cm W x 51.1cm H)

CONTROLS

- Non HazLoc Control Panel
- Touchscreen HMI
- Emergency Stop
- Variable Frequency Drive: 0 - 2500 RPM

ELECTRICAL

- 230V, Single Phase
- 1.5 HP

The low power single phase requirement means that this system can run on power available almost anywhere!

Contact us:

Western US: 707-222-6066

Eastern US: 740-809-1160

sales@prospiant.com

www.prospiant.com

PROSPIANT

PRICING FOR THE UNITED STATES MARKET

System	Equipment Cost	Biomass	Operators	C1D2 Facility Required	Raw Material Processed per 8 Hour Shift (lbs)	Average Alcohol Removed out of Biomass (%)
CUP-5	\$45,000	Hemp/ Cannabis	1	No	150	97

TRAINING:

- Basic system operations provided
- SOP development and optimization available

SHIPPING:

- Pricing available upon request

WARRANTY/SERVICE:

- 1 year limited warranty
- A comprehensive maintenance and service plan available
- Field service verification voucher from PSI available

FINANCING:

- Call 707-222-6066 for financing information

PURCHASE TERMS:

- 50% down, 50% upon completion
- System ships upon receipt of full payment
- Sales tax applies unless tax exempt

ASSUMPTIONS:

- Throughput and yield are dependent on the quality and condition of input material
- Throughput is also dependent on SOPs

Patents and/or Patents Pending at deltaseparations.com/patents/

Illustration purposes only. These calculations are based upon the sample performance of the listed Delta Separations systems operated under normal conditions and following proper procedures for operation and maintenance. Actual performance may vary and is not guaranteed. These hypothetical calculations include a number of input variables or "Assumptions" in which Delta Separations has no control and which may be different in actual practice for a particular customer or system. Prices are subject to change.

Delta CUP-5 Price List February 2022



UL-508A