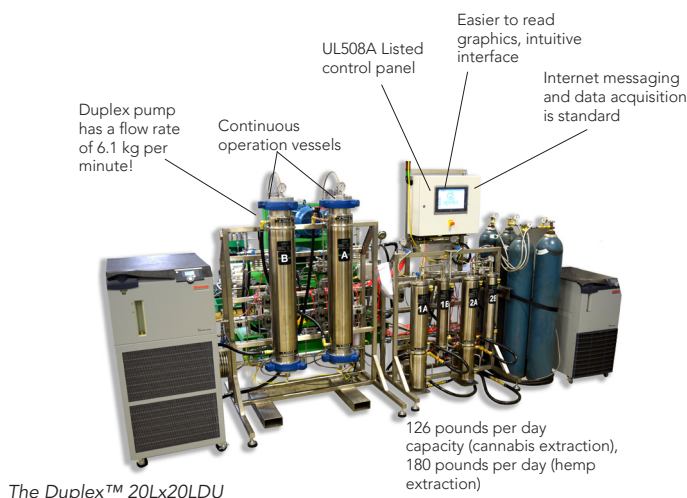


High Output: 2000psi

Designed for subcritical high production

The Duplex™



The Duplex™ 20Lx20LDU

We are the manufacturer of the extraction equipment only but we are able to recommend pre-and post-processing equipment that will pair well with each extraction system! Please review the chart below for suggested equipment and pricing and ask your sales representative for more details! 740.809.1160

FEATURES AND BENEFITS OF THE DUPLEX™

- Designed for large scale operations.
- Optimized for subcritical runs but offers higher supercritical parameters as well.
- Processes 126 pounds (cannabis), 180 pounds (hemp) per day!
- CO₂ flow rate: 6.1 kg/min: subcritical; 2.9 kg/min supercritical.
- Compressor Displacement specification: 133 liters/min.
- 20Lx20L and 4x20L vessel combinations available.
- Preserves terpenes and color, requiring a single post processing pass.
- Fully automated, energy efficient system.
- Comprehensive 70+ point service plan available for all models!
- More efficient than liquid pumping systems.
- Four separators, two separator cups for continuous batch operation.
- Power consumption with outdoor chiller only 64.7kW.
- GMP (Good Manufacturing Processes) friendly.
- Extractor, separator, and mechanical components can be separated to prevent cross contamination.
- Internet capabilities, push messaging, and data acquisition standard.
- Regenerative heat exchanger allows cold separation, preventing thermal degradation, while conserving energy.

THE APEKS ADVANTAGE

- 600+ extraction systems installed in the cannabis industry.
- Industry first 3 year warranty.
- Control panels are UL 508A Listed.
- Manufactured in our 30,000 square foot ASME certified facility in Johnstown, Ohio.
- 95% CO₂ gas recovery, closed loop systems.
- Open frame design and visual indication of valve positions allow for easy assessment of flow paths and configuration.
- EPR (Engineer Peer Review) in 14 states.
- Engineered performance with up to 44% electrical energy savings over the competition.
- Personalized customer support – 24/7 phone/virtual support.
- No decompression valves, no clogging of product with patented Valveless Expansion Technology.
- Fractional extraction and cold separation processes preserve volatile oils/terpenes.
- Comprehensive onsite and virtual training and a fully stocked online parts store.
- Free winterization classes for customers.
- Veteran owned and operated.

THE DUPLEX™ 2000-20Lx20LDU TURNKEY PRICING

Equipment	Item	Quantity	Price
Pre-Processing Equipment	Extractor	1	\$371,000.00
	Duplex 2000-20Lx20LDU, Spare Parts Kit and Service Plan	1	\$16,490.00
	Grinder, Decarboxylation Oven	1	\$124,532.58
	Winterization Package	1	\$31,351.00
Distillation Package	Freezer, Buchner Funnel, Filtration Pump, Rotary Evaporator	1	\$26,990.00
Isolation Kit	Short Path Distillation Kit, Cold Trap Kit, Chiller, Pump	1	
	Vacuum Oven	1	
Total Cost (USD):			\$570,363.58

Pricing does not include shipping, taxes, or duties



UL 508A Listed



U-54766



ApeksSupercritical.com

Made in the USA at:

31 Greenscape Court

Johnstown, OH 43031

740-809-1160

RETURN ON INVESTMENT AND PRICING: FOR THE UNITED STATES MARKET

System	Equipment Cost	Approximate Processing Capacity (g)	Approximate Processing Capacity (lbs)	CO ₂ Recovery & Reload Time (h)	Total Machine Run Time per Day (hours)	Source Material	Cycle Run Time (h)	Runs/Day	Raw Material Processed per Day (g/day)	Raw Material Processed per day (lbs/day)	Quality of Source Material	Price per pound*	Average Yield (%)	Average Yield per Run (g)	Average Yield per Day (g/day)	Raw Plant Material Cost per Day
2000-20Lx20LDU	\$349,000	9,080	20	n/a (continuous batch)	24	Hemp	2.66	9.0	81,925	180	Low Mid High**	\$55 \$75 \$128	7% 13% 20%	636 1,180 1,816	5,735 10,650 16,385	\$9,925 \$13,534 \$23,098
						Cannabis	3.8	6.3	57,347	126	Low Mid High	\$100 \$200 \$300	7% 14% 20%	636 1,180 1,816	4,014 8,029 11,469	\$12,632 \$25,263 \$37,895
2000-4x20LDU	\$435,000	18,160	40	n/a (continuous batch)	24	Hemp	5.32	4.5	81,925	180	Low Mid High**	\$55 \$75 \$128	7% 13% 20%	1,271 2,361 3,632	5,735 10,650 16,385	\$9,925 \$13,534 \$23,098
						Cannabis	7.6	3.2	57,347	126	Low Mid High	\$100 \$200 \$300	7% 14% 20%	1,271 2,542 3,632	4,014 8,029 11,469	\$12,632 \$25,263 \$37,895

*Numbers from Hemp Industry Daily Hemp Report: Top 10 U.S. States, 2018

**20% hemp assumes high CBD cannabis

RETURN ON INVESTMENT

Wholesale Raw Oil (no post process):
Price per gram Cannabis (THC): \$6 | Price per gram Hemp (CBD): \$4

System	Source Material	Price per pound*	Daily Yield (g/day)	Revenue Earned (\$/day)	ROI (days)
2000-20Lx20LDU	Hemp	Low \$55	5,735	\$22,939	28
		Mid \$75	10,650	\$42,601	12
		High \$128	16,385	\$65,540	8
	Cannabis	Low \$100	4,014	\$24,086	32
		Mid \$200	8,029	\$48,172	16
		High \$300	11,469	\$68,817	11
2000-4x20LDU	Hemp	Low \$55	5,735	\$22,939	34
		Mid \$75	10,650	\$42,601	15
		High \$128	16,385	\$65,540	10
	Cannabis	Low \$100	4,014	\$24,086	39
		Mid \$200	8,029	\$48,172	19
		High \$300	11,469	\$68,817	14

DAILY OPERATIONAL COSTS

System	Service Plan Cost per Day	Power Consumption (kW)	Electrical Cost per Day	CO ₂ Cost per Day	Total Daily Operational Cost (includes labor)
2000-20Lx20LDU	\$33	64.7	\$280	\$34	\$490.58
2000-4x20LDU	\$33	64.7	\$280	\$17	\$401.48
CO ₂ cost per pound		\$1.25	Electricity kWh cost	\$0.18	Labor rate/hour \$16

Training:

- All Apeks systems include free onsite or virtual training.
- Training is a two step process: FaceTime/Skype to verify set up and operation, followed by a four hour block of instruction of system operation and preventative maintenance.
- Alaska, Hawaii and international locations may require additional costs for onsite training.

3 Year Warranty/Service:

- 3 year warranty covers all parts/labor.
- A comprehensive 70+ point preventative maintenance service plan available.

Assumptions:

- Maximum processing capacity assumes a 200-300 micron particle size.
- Power factor is .86 for 3 phase motors.
- Flow rates up to 6.1 kg/min.
- Single phase and three phase power available at 60Hz. Call for pricing for international conversions to 50Hz.
- Run times are calculated on supercritical parameters on decarbed material.
- 80-90% extraction completion.
- Continuous batch mode.
- Labor only required for load/reload time. Machine can run unattended during extraction.

Financing:

- Please call 740-809-1160 for financing information.

Purchase Terms:

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

Shipping:

- Shipping Cost: \$5,500.
- Shipments to Alaska and Hawaii will have additional shipping costs.
- Please contact us for international shipment costs, duties and fees.

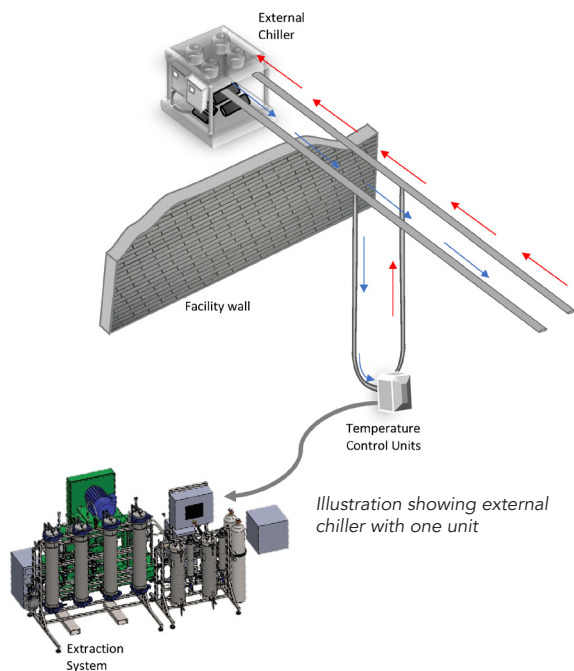


Illustration purposes only. These Return on Investment calculations are based upon the sample performance of the listed Apeks systems operated under normal conditions and following proper procedures for operation and maintenance. Actual performance may vary and is not guaranteed. These hypothetical calculations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