

Turn Key- Two ExtraktLab-1 140 Series CO2 Extraction Machines w/ Polyscience Model DTA504B Chill

The 2 ExtraKLab-1 140 Series CO2 Extraction Machines, are both 16 months old and have had light to moderate use during this time period. The 140 series extractor utilizes two 20L extraction vessels and up to 4 collectors. High throughput utilizing 23sq. The pump is industrial grade and weighted at 5,000 PSI. Built-in WIFI controls.

Polyscience Model DTA504B Chiller runs anti-freeze through the extractors at a pressure of 4000 PSI. This chiller is big enough to support both extractor machines.

Available immediately, ready to be packed and shipped from Colorado Springs. Arrange for shipping or pickup.

Please text Scott 949-264-5310 more information or to order



EXTRACTION

COMPLETE EXTRACTION LABORATORY SOLUTIONS

| Extraction | Separation | Dewaxing | Facilities Design | Grinding | Formulations |

THROUGHPUT DEFINED

120-150 G/HR



Extraktlab-1 110 Series

The 110 series of extractors utilizes two 5L extraction vessels and three-four collectors. Our most popular series, the 110 offers high throughput that rivals most 40L systems. All vessels are rated for 5000 psi. The pump is an industrial grade pump with no potential of contamination from pump oil. Built in WiFi connectivity and fully integrateable with igwLAB.

400-600 G/HR



Extraktlab-1 140 Series

The 140 series of extractors utilizes two 20L extraction vessels and three-four collectors. Built on the same chasis as the 110 Series,, the 140 offers high throughput in a 3' x 7.6' footprint. All vessels are rated for 5000 psi. The pump is an industrial grade pump with no potential of contamination from pump oil. Built in WiFi connectivity and fully integrateable with igwLAB.

800-1000 G/HR



Extraktlab-1 180 Series

The 180 series of extractors utilizes four 20L extraction vessels and three-four collectors. Built on the same chasis as the 110 Series,, the 180 offers extremely high throughput in a 3' x 7.6' footprint. All of our vessels are rated for 5000 psi including the CO2 recycling system. The pump is an industrial grade pump with no potential of contamination from pump oil. Built in WiFi connectivity and fully integrateable with igwLAB.

GMP SEPARATION SCIENCE DELIVERED



THROUGHPUT

High throughput with configurations that exceed 800 g of crude oil per hour.



RUGGED & AUTOMATED

The system has been ruggedized for automated and reproducible operation.



SERVICE

No company will beat us on service and support. Think concierge service.



MANUFACTURING EXECUTION

Complete electronic integration with igw for batch record and yield tracking.



CONFIGURABLE

Expandable and configurable options including pumps, tanks, sensor, and software.



CERTIFIED

Our extractors are 3rd party PE certified in, ETL listed and CSA field inspection passed

KEY SPECIFICATIONS

- GMP MODE TO ELIMINATE CROSS CONTAMINATION
- COMPLETE PARAMETER CONTROL
- HIGH FLOW RATES
- HIGH PRESSURE RECYCLER

- TERPENE ISOLATION
- 5000 PSI PRESSURE RATING
- CLEAN-IN-PLACE
- CONTAINMENT SYSTEMS

ExtraktLAB Model	110+	140	180
GENERAL			
Footprint (ft ²)	24	24	24
Weight (lbs)	1500	3700	4200
Sound Pressure	40 db	50 db	50 db
Compressor	N/A	N/A	N/A
Casters	Yes	Yes	Yes
Onboard Cooling	Yes	No	No
EXTRACTION			
Number of Vessels	2	2	4
Volume (L)	10	40	80
Max Pressure (psi)	5000	5000	5000
COLLECTION VESSELS			
Volume (total)	7.5	7.5	7.5
Number of Vessels	3	3	3
Max Pressure (psi)	5000	5000	5000
RECYCLER			
Volume (total)	20	20	40
Number of Vessels	1	1	2
Max Pressure (psi)	5000	5000	5000
TRANSDUCERS			
Pressure Transducers	3	3	6
Flow Transducers	1	1	1
CO2 Sensor	1	1	1
AUTOMATION			
Valves	8	8	14
Touchscreen HMI (15")	1	1	1
Connectivity App	Network Port	Network Port	Network Port
Signal Tower	1	1	1
Changeover Automation	Yes	Yes	Yes
Sequences	Yes	Yes	Yes
Built-in Recipes	Yes	Yes	Yes
Data Logging (temp, time, batch number)	Yes	Yes	Yes
Built-in Yield Tracking, Barcode Tracking	Yes	Yes	Yes
igwLAB Integration and API	Yes	Yes	Yes
POWER			
FLA	57	67	200
Phase	3 (1 optional)	3	3
V	250	250	250
Cooling Power (W)	2900	2900	6000
Heating Power (W)	6200	9400	12800