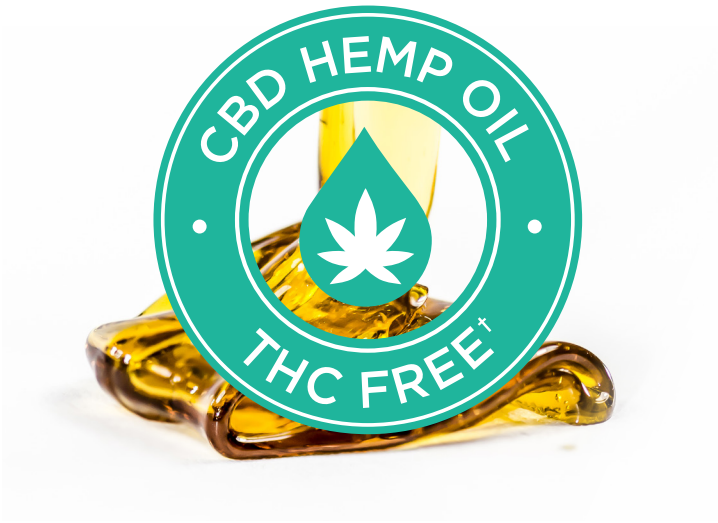
T-SEP MODEL 7LPH
THC/THC-a SEPARATION PROCESS

PRECISION EXTRACTION SOLUTIONS

T-SEP MODEL 7LPH is a patent-pending and proprietary process for the removal of THC/THC-a from crude hemp oil. The standard configuration comes in the standardized size of 3x 100L vessels with all necessary appendages and is capable of processing up to 7 liters of crude oil per hour.

PATENT-PENDING PROCESS TECHNOLOGY FROM THE LEADERS IN CANNABIS + HEMP RESEARCH



Process up to **7L** per **60 min** cycle time

99%+ THC/THC-a Removal

99%+ Process Solvent Recovery

PROCESS FEATURES

- Extremely low operational cost (approx. $3.50 per liter)
- Semi-continuous process
- 99%+ removal of THC/THC-a from hemp crude oil
- GRAS, instrument grade solvents
- 99%+ solvent recovery rate from in process
- Installation, equipment, license, and support included in package price
- Up to 7L per hour of crude oil remediation in standard configuration
- Non-hazardous waste streams
- No cross-contamination of THC/THC-a into output stream

EQUIPMENT INCLUDED*

- x3 100L Reactor (Chemglass or Across International)
  - Includes Mixer
  - Includes Temperature Monitor
- x3 Watson Marlow Peristaltic Pump
- x1 Huber CC308B (Hold Jacket @ 25°C)
- x3 Tubes
- x3 Sanitary 3-Way Ball Valves
- x3 Glass Holding Vessels

EQUIPMENT/PROCESS SPECIFICATIONS*

Dimensions (approx.)	120" L x 32" W x 49" H
Weight (approx.)	1,450 lb
Throughput	7L of crude per hour
Interior Finish Spec	Glass
Vessel Sizes	3QTY 100L
Linesets	UG-21 compliant PTFE
Minimum Operational Temp.	-40°C
Maximum Working Volume	9.8 FT3 (284 Liters)
Install & Training	Up to 3 days

ELECTRICAL REQUIREMENTS

TOTAL	230V, 17.3 amps · 756W (3.3 amps + 14 amps from Huber)
Pumps (x3)	· 230VAC, 40W, 1 Phase · 110-115VAC, 20W, 1 Phase
Reactors (x3)	· 110V 60Hz, 1 Phase, 250W · 230V 50/60Hz, 1 Phase, 250W
CC-308B (TCU)	230V 50/60Hz, 1 Phase, 14 amps

† Defined as 99%+ Removal of THC/THC-a, some trace amounts may remain

***Equipment/Process Specifications subject to change based upon process improvements.** Please refer to operational manual for important safety warnings and legal disclaimers.

PRECISION EXTRACTION SOLUTIONS

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