

USA LAB ATLAS SERIES 5LB CLOSED LOOP EXTRACTOR

Designed for use with Pure Butane & 70/30 Propane Blend | Peer Reviewed in 49 States

The ATLAS series is our way of bringing quality, reliability, and accurate systems back to the market. The ATLAS series is all about maximizing your efficiency for every run. Equipped with a 6" x 48" spool that fits +5 lbs of material, an IRC with a 5 micron sintered disk, and an ASME certified solvent tank and collection vessel.

To top it off, it is completely fitted with Superlok compression fittings and valves. Process up to 80 lbs of material in an 8 hour day with a recovery pump. Upgrade to the 5LB ATLAS closed loop system today and see the USA Lab difference.

KEY FEATURES:

- **Large Material Capacity** - 6" x 48" material columns with sight glasses for viewing up to 10 lbs of milled material.
- **CRC with Bypass** - 6" x 12" CRC with 5 micron sintered disc, sight glasses, and built-in bypass for easy operation.
- **Fast Solvent Recovery** - 3" x 18" sieve and 10" x 10" coil, plus a jacketed 100 lb / 50 L collection tank.
- **Premium Fittings** - High quality 1/2" Superlok compression fittings; 1/4" MJIC nitrogen line on every vessel.
- **Built for Safety** - 100 psi cryogenic pressure relief valves and ASME certified solvent and collection vessels.
- **Compact Rack Design** - Medium rack mounted footprint of 24" x 24" x 59" on locking casters.



Max Material Per Run
5LB trim | **10LB milled**



Max Daily Throughput With Recovery Pump
80lbs / **8hr day**



ASME Certified Vessels
200LB solvent | **100LB collection**



WANT TO CUSTOMIZE?

Give us a call and we'll help design a custom system with you. Contact us for upgrade options and further customization. Systems may have a lead time of 1 to 2 weeks.

SPECIFICATIONS

Model	ATLAS-5LB
Max Material	5LB Trim 10LB of milled material
Material Column Size	6" x 48"
CRC Size	6" x 12" 5UM
Sieve Size	3" x 18"
Coil Size	10" x 10" Bucket
Solvent Tank Size	200LB 96 lb of Butane
Collection Tank Size	100LB 50 Liters
Rack Footprint	24" x 24" x 59"
System Footprint	78" x 24" x 66"
Fittings	1/2" Superlok compression
Nitrogen Connection	1/4" MJIC line per vessel
Pressure Relief	100 psi cryogenic PRVs
Solvent Compatibility	Pure Butane 70/30 Propane Blend
Peer Review	Peer reviewed in 49 states
Weight	350 lbs

PACKING LIST

Component	Qty
200LB ASME Solvent Tank	1
100LB ASME Collection Tank	1
6" x 48" Material Column	1
6" x 12" CRC with 5 Micron Disc	1
3" x 18" Sieve	1
10" x 10" Condensing Coil	1
24" x 24" x 59" Aluminum Rack	1

TURNKEY PACKING LIST

Component	Qty
ATLAS 5LB System	1
UL Listed 21CFM VUP-21 Corrosion Resistant 2-Stage Vacuum Pump	1
50L 200°C 9KW Closed Loop Heater CRH-50L	1
40°C 50L Closed Loop Recirculating Chiller CLC-50/40	1
Recovery Pump (Included in Active System)	1