

PX5

PASSIVE HYDROCARBON
EXTRACTOR

PRECISION
EXTRACTION SOLUTIONS

By AGRIFY™

5 LB Capacity

Per 30 Minute Cycle Time†



PX5 HYDROCARBON EXTRACTOR

The PX5 hydrocarbon extraction system features an expandable linear design engineered for simplicity while offering the latest hydrocarbon extraction technology.

Created with the operator in mind, the PX5 offers ultra-low temperature operation with fast recovery times, with or without a compressor. All functions and features are easily assessable in a linear process flow with conveniently located pass-throughs and ergonomics designed for the operator.

The PX5 has modern features and a robust, expandable rack-mounted design. Each unit comes standard with a 5lb material column and an integrated CRC column for running ultra-cold to create high terpene full spectrum live resin or further refinement of low-quality biomass into valuable end products.

An integrated coil reduces solvent recovery times and lets you operate without the added cost and maintenance requirements of a CID1-rated compressor.

SYSTEM HIGHLIGHTS



PASSIVE RECOVERY BY DESIGN
Ultra-Efficient Passive Solvent Recovery



5LB MATERIAL COLUMN
Optional Material Column Socks



ERGONOMIC PROCESS MONITORING
Eye-Level Sight Glasses for Operator Accuracy



JACKETED SOLVENT TANK
Internal U-Shaped Cooling Apparatus



EXPANDABLE RACK-MOUNT SYSTEM
The PX5 Can Be Upgraded to Double Capacity



FULLY INTEGRATED CRC
Inline Chromatography & Color Remediation



FIELD VERIFICATION INCLUDED

†Dependent on desired solvent to biomass ratio and material density.

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SYSTEM FEATURES & HIGHLIGHTS

- Designed to meet 3-A sanitary standards, Current Good Manufacturing Practices, and national and local fire code
- Certified to Class I, Division 1, Pressure Safety Inspection ("PSI") and is Engineer Peer Reviewed by PSI ensuring safety and compliance in all 50 states
- Easily paired with other Agrify Extraction modular offerings for rapid deployment and speed to market
- Modular design provides a cost-effective path to address any growth needs that arise
- High-efficiency design lowering both capital expenditures and operating expenses while improving throughput
- Liquid jacketed columns enabling low temperature operation for improved product quality
- Included material socks for faster material changeover between run cycles increasing daily output
- The integrated PX5 molecular sieve column for inline solvent desiccation removes moisture from solvent preserving the solvent's effectiveness
- Dedicated sight glasses in all columns makes process inspection fast and intuitive
- Incorporating a maintenance-forward design, universal parts minimize the expense of stocking spares
- Inline CRC provides flexibility in purifying extract through customizable filtration media remediation removing a wide variety of different contaminants in real time
- Easy-to-use two-bolt compliant tri-clamp service connections
- EXERGY tube-in-tube heat exchanger enabling rapid solvent recovery

Solvents: **Butane, Propane & Blended**

Capacity Per Batch: **5 LBS**

Batch Cycle Time: **30 Minutes**

Capacity: **Up to 80+ lb, per 8hr Shift***

CRC Media Vol. **2.2L**

Extracts: **Isolate, Sauce, Distillate, Vape Pens, Shatter, Wax/Sugar, Tincture and Edibles**



Equipment Specifications

Dimensions (approx.)	95" L x 30" W x 76" H
Weight (approx.)	785 lb
MAWP	350 PSIG
Warranty**	One-Year

Compliance



- Made in USA
- Designed to meet 3A sanitary standards
- Designed for cGMP integration
- NFPA 1 & IFC Compliant
- Engineer Peer Reviewed
- Class 1, Division 1 compliant
- PSI Certified - 50 State Compliant
- Canadian CRN Compliant



Precision Extraction Solutions
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*Actual amount of material per run and recovery times on any Precision® extraction system varies depending on composition, cut and moisture of input material, humidity and environmental factors, processing temperatures and operator experience. **See Warranty Terms. †Regulatory compliance is always subject to local codes and regulations, including but not limited to those related to solvent storage and fire marshal approval. Please refer to operational manual for important safety warnings and legal disclaimers.