



# AGRIFY™

**PRECISION**  
EXTRACTION SOLUTIONS



# The **Total** Solution.

[agrify.com](http://agrify.com) | [@agrifycorp](https://twitter.com/agrifycorp)

# YOUR PATH TO SUCCESS

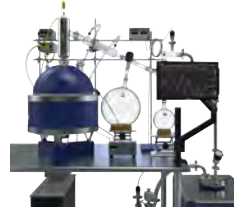
We've got you covered on every step of your cannabis journey.

## Software & Technology



### Agrify Insights™

- Precision monitoring & controls
- Strain-specific grow plans via real-time analytics
- Demand-based production planning



### EliteLab®

- Datalogging, recipe & program creation
- Human-Machine Interface (HMI) for processing systems
- Repeatability & consistency for processing applications

## Cultivation



### Vertical Farming Units (VFUs)

- Highly efficient multi-tier cultivation
- Precise microclimate control
- Integrated with Agrify Insights (TM) software



### GX-8

- Pre-engineered package built for speed-to-market



### Crop Protection & Facility Sanitization

- Continuous UV-C air purification
- Aqueous ozone surface sanitization

## Enclosures, Utilities & Ancillaries



### CID1 & CID2 Modular & Standalone Enclosures

### Ventilation Enclosures & Hoods

### Pneumatic & Gear Drive Fluid Handling

### Laboratory Glassware & Tools

### Commercial Freezers

- Chest, vertical, or walk-in options

### Temperature Control Units

### Vacuum Pumps

### Analytical Instruments

- Potency, terpenes, residual solvents, pesticides, heavy metals, etc.

## Extraction & Separation



### Alcohol

- Centrifugal systems: 15 lb & 40 lb



### Hydrocarbon

- Active recovery systems: 5 lb, 10 lb, 40 lb
- Passive recovery systems: 5 lb, 10 lb, 30 lb
- Diamond miners for crystallization
- Solvent recovery pumps



### Solventless

- Turnkey hash washing systems
- Auto & manual rosin presses
- Dry sift trichome extractors



### Post-Processing

- Freeze dryers: full-range of options & sizing
- Solvent purging, crystallization, & isolation
- Standalone & complete oven systems
- Filter reactors

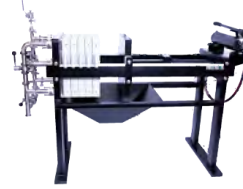
## Winterization



### Glass or Steel Jacketed Reactors

- Array of sizes & configurations

## Filtration



### Batch-Continuous

- Multi-stage filter options
- Cartridge-style options
- Filter presses

## Degassing / Decarboxylation



### Forced Air Ovens

### Glass or Steel Jacketed Reactors

## Solvent Recovery



### Continuous

- Falling Film Evaporators (FFE)

### Batch

- Rotary evaporators
- Reactor systems

## Distillation



### Continuous Wiped/Thin Film Systems

- Feed Rates: 1-2 LPH, 2-8 LPH, 10-20 LPH, 20-60 LPH
- Single stage, 2-stage, or 3-stage options
- Full automation options
- Modular wiped/thin film systems



### Complete Batch Systems

- System sizes: 2 L, 5 L, 12 L, 20 L
- Batch sizes: 200 g-12 kg per shift
- Comprehensive parameter & process controls

## Services



Standard Operating Procedures (SOPs)

Facility Design

Installation

Training

Repairs & Maintenance

Research & Development

Certifications

## Consumables



Rosin Bags & Wash Liners

Gaskets & Seals

Fluids, Oils, & Lubricants

Spare Parts & Maintenance Kits

## Formulation & Product Creation



Homogenizers

Mixers

Filling Systems

# Your Path to Success Starts Here.

Welcome to Agrify! We're a leading provider of innovative **cultivation** and **extraction** solutions for the cannabis industry, bringing **data**, **science**, and **technology** to the forefront of the market.

Agrify's family of brands enables cultivators to produce the highest quality products with unmatched consistency, yield, and ROI at scale while also offering an extensive extraction product line. Our **hydrocarbon**, **alcohol**, **solventless**, **post-processing**, and **lab equipment** empowers producers to maximize the quantity and quality of extract desired for premium concentrates.

This brochure contains a brief introduction to the services we provide and a small selection of the premium equipment we offer. Agrify delivers high quality services in facility design, cultivation, extraction, post-processing operations, and continuing education. **From turnkey solutions to individual products, we have a solution for you.**

**To see our full suite of offerings visit [agrify.com](http://agrify.com) or schedule a free consultation** to learn more about how our solutions can be tailored to meet your goals.



Explore our complete suite of solutions & services at [agrify.com](http://agrify.com)

# CULTIVATION

## Your comprehensive cultivation solution available at any scale.

The **Agrify VFU**, paired with **Agrify Insights™ software**, is an **award-winning integrated cultivation solution**. This compartmentalized, stackable grow environment **increases yield** and **boosts efficiency**. With thoughtfully designed LED lighting, fertigation, irrigation, CO<sub>2</sub>, temperature, and humidity controls, you can deliver **tailored grow plans** to each cultivar thanks to Agrify Insights™. Produce the best possible harvests with **unmatched consistency, yield, and ROI at scale**.



### Agrify Vertical Farming Units (VFUs)

Designed specifically for cannabis cultivation at any scale of production, VFUs can be **stacked** up to three levels high to **maximize yield**. **Integrated with Agrify Insights™**, each VFU provides **full control** over its internal environment with adjustable full spectrum LED lighting, irrigation, fertigation, temperature, CO<sub>2</sub> delivery, and more.



### Agrify Insights™

Agrify Insights™, a **cloud-hosted software** application, collects up to **1.5M data points annually per VFU**. Analyze and control irrigation, temperature, humidity, CO<sub>2</sub>, vapor-pressure deficits, and more to **course correct** or **customize** cultivar-specific **grow plans**. From efficiently managing operations and scheduling tasks to remotely viewing your facility, Agrify Insights™ enables cultivators to **produce craft quality at scale**.



### GX-8

A package designed for **speed to market**, the GX-8 reduces logistical complexity and **jumpstarts your cultivation operation**. You'll be ready to start growing with **8 VFUs** and environmentally controlled modules tailored for mother, clone, vegetative, drying, trimming, and curing processes. Also included are all the **associated ancillary systems** essential for cultivation. With Agrify VFUs and Agrify Insights™, the GX-8 will **quickly and efficiently** get your operation or R&D facility up and running to **produce high quality cannabis** with **consistency**.



### Bluezone®

**Protect your crops** by preventing the spread of airborne diseases with Bluezone's® breakthrough **air cleaning system** that uses ultraviolet-enhanced oxidation to **kill 99.9% of bacteria and mold**.



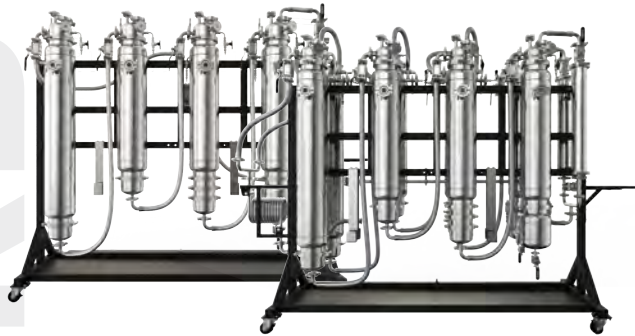
### Enozo

Enozo **kills 99.9% of harmful pathogens** with nature's sanitizer— aqueous ozone made from just water— while keeping your workers, plants, and clients **completely safe**.

# HYDROCARBON EXTRACTION

## Your competitive edge starts with premium equipment.

From commercial-grade, **closed-loop extractors** to best-in-class **vacuum ovens** and top of the line **distillation systems**, your **industrial-scale** hydrocarbon extraction solutions are here. Have complete confidence in your extraction equipment with **ASME certifications** and **CIDI compliance**. Build a **competitive advantage** for your cannabis operation with the highest quality hydrocarbon extraction equipment, technology, customer service, and tech support in the industry.



### PX Series

#### PRECISION EXTRACTION

The **PX** series of **Hydrocarbon Cannabis Extractors** are available in several sizes to meet the needs of your operation. **Passive recovery** by design **saves energy costs** and **reduces maintenance** and downtime. **Engineered for simplicity** and ergonomic operator use without sacrificing power and efficiency.



### MAXTRAP Cold Traps

#### CASCADE

The best tool for **preserving and extending vacuum pump life**, available in **-50 °C** or **-105 °C** models. Engineered with features for customers with time-sensitive, high-throughput, **production-focused vacuum purging** or drying applications. Featuring wide bore inlet and outlet connections for **maximum flow, greater surface area**, and a **refrigerated system** built by laboratory equipment leaders.



### CVO-5 Double Up Vacuum Package

#### CASCADE

Includes two **Cascade Sciences CVO-5 Vacuum Ovens**, Agilent IDP15 Pump, mobile rack, and MAXTRAP **-50 °C** cold trap to **liberate solvents**, water, or other unwanted compounds. Delivering **best-in-class temperature stability** and **uniformity**, you'll be ready for high throughput with stellar results.



### CannaBeast®13 Thin Film Distillation System

#### LAB SOCIETY

From InCon Process Systems, the most comprehensive, USA-made, stainless-steel single-stage continuous distillation system on the market today. **EliteLab® Core V2** Human Machine Interface is included for **precise touchscreen control, data-capture, recipe saving**, and more. Featuring a feed capacity of **4-8 L per hour**, short path evaporation technology optimized for **thermally sensitive compounds**, and installation and training to get you up and running.



### 20 L G3X-R with EliteLab®

#### LAB SOCIETY

Lab Society's fastest **benchtop distillation system** to date. Featuring a 150 mm reactor flanged distillation head and angled vacuum take-off valves for **collecting unlimited fractions** of any volume for **unparalleled throughput and versatility** while **delivering higher potencies**.

# ALCOHOL EXTRACTION

## High throughput held to the highest standards.

Engineered to the **highest safety** and **compliance standards** while providing **higher throughput** than hydrocarbon extractors. Our **alcohol extraction systems** are **PSI certified and CID2 compliant**. Designed with the operator in mind for the **optimal extraction** of cannabinoids from cannabis.



### C-15 & C-40 Centrifuge Extractors

#### PRECISION EXTRACTION

Jumpstart your extraction with a **complete system** designed for a single operator with **user-friendly features** including rapid biomass swapping. Featuring **98% cannabinoid removal** and **97% solvent removal** for optimized efficiency.



### ASE 100 Solvent Recovery System

#### PRECISION EXTRACTION

**Reduce solvent waste** with an **easy-to-use interface** and proprietary recovery method offering **optimal solvent recovery** without the need for more rotary evaporators, keeping efficiency high and operating costs low.



### Cascade 20 L Bead Bath

#### CASCADE

Featuring **15 L of Lab Armor beads**. Waterless laboratory bead baths reduce the contamination and messy condensation of water baths. **Improve temperature performance** and save energy by delivering **exceptional temperature uniformity** up to 80 °C.



### Industrial Jacketed Reactor Packages

#### CASCADE

Available in **multiple sizes**, these **jacketed vessels** are ideal for **decarboxylating** crude oil and many other laboratory applications. Our jacketed reactor packages decarboxylate cannabis oils, activating the cannabinoids while **removing residual solvents** and **increasing distillation efficiency**.

# SOLVENTLESS EXTRACTION

## Legendary systems for craft quality at any scale.

Produce top-shelf consumer products consistently with **premium solventless extraction equipment** to support **operations of any size**. Designed for **operator ergonomics**, efficiency, and precise control, our **modular** and **intuitive technology** is crafted to last. **Unmatched customer service** plus extraction and post-processing training ensures you get the most out of your solventless processing equipment.



### Axis Trichome Separator

**PUREPRESSURE**

Offers **trichome separation** with **unparalleled control**, machine utilization, and **scalability**. An independent washing vessel allows for **increased efficiency** and **maximized yields**. A joystick and touchscreen-controlled mechanical paddle mimics hand-paddled agitation allowing for both custom and preset **recipes**, enabling **consistent production** of high-quality hash.



### Axis Pulse

**PUREPRESSURE**

A **vessel shaker** that reduces the blinding of filtration bags during the filtration process. Adding the **Axis Pulse** to a **Bruteless™ Hash Washing System** improves flow rate during filtration and frees up the operator, enabling **increased efficiency** and reduced operational costs.



### Commercial Hash Washing Filtration Package

**PUREPRESSURE**

Utilizes a **Pneumatic Hash Pump**, rather than slower gravity draining, to move trichome-laden water gently and efficiently into the **included filtration vessels**. Increase the efficiency of **ice water hash production** and **scale** your solventless laboratory.



### Bruteless Filtration Bag Sets

**PUREPRESSURE**

Available in **4-bag** and **8-bag kits**, the range of filter sizes have been **rigorously tested** by industry professionals and designed to capture and separate the most desirable sizes of trichome heads. Available for **30-gallon** and **44-gallon Bruteless Vessels**.



# SOLVENTLESS EXTRACTION

Legendary systems for craft quality at any scale.



## Labconco® FDry-8 L Freeze Dryer System

### PUREPRESSURE

The most modern, **hassle-free freeze-drying technology** available for **ice water hash** with **cycle times as low as 6-8 hours**. Real-time **remote monitoring** and **customizable recipes** enable consistency from batch to batch. A **Leybold SOGEVAC NEO D 16 vacuum pump** is included for **lasting performance**.



## Helix Pro 5 Ton Manual Rosin Press

### PUREPRESSURE

The perfect addition to any **serious home grower's arsenal** or any laboratory looking to **increase the precision** of their **rosin output**. Easily press up to 12 grams of flower or 20+ grams of sift or hash per cycle. **Manufactured in Denver, Colorado** from the best components available.



## Longs Peak Rosin Press

### PUREPRESSURE

The **ultimate pneumatic rosin press**, built for true commercial capabilities, features **linear pressure ramping**, **8 tons of force**, and **intuitive Pressware™ technology** so you can develop, save, and share recipes. Process up to 7 lb of flower per day, or 12+ lb of sift or hash per day, and **revolutionize your operation**.



**PRECISION**  
EXTRACTION SOLUTIONS



**Schedule your FREE consultation with  
an Agrify expert today!**

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