

(Cascade

LAB SOCIETY

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## **Your Path to Success**

## 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



## VFU Rapid Deployment Packages (RDP)

Pre-engineered packages for speed-to-market



### **Crop Protection & Facility Sanitization**

Continuous UV-C air purification

Aqueous ozone surface sanitization

## **Extraction & Separation**



#### Alcohol

Centrifugal systems: 15lb & 40lb



#### Hydrocarbon

Active recovery systems: 5lb, 10lb, 40lb
Passive recovery systems: 5lb, 10lb, 30lb
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

#### Filtration

#### **Batch-Continuous**

Multi-stage filter options
Cartridge-style options
Filter presses



## Winterization

#### **Commercial Freezers**

Chest, vertical, or walk-in options

#### **Glass or Steel Jacketed Reactors**

Array of sizes & configurations



[Cascade Glass Reactors]

## Solvent Recovery



Batch

Rotary evaporators
Reactor systems



Continuous

Falling Film Evaporators (FFE)

#### Forced Air Ovens

Glass or Steel Jacketed Reactors

Distillation



Degassing / Decarboxylation



[CVO-5]

## Formulation - & Product Creation



[Robotic Distillate Cartridge Filling Workstation]

Homogenizers

**Mixers** 

**Filling Systems** 



[20L G3X-R]

#### Complete Batch Systems

System sizes: 2L, 5L, 12L, 20L

Batch sizes: 100g-12kg per Shift

Comprehensive parameter & process controls



[CannaBeast® 13]

## 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

## **Enclosures, Utilities & Ancillaries**



[Precision Pod]

C1D1 & C1D2 Modular & Standalone Enclosures

**Ventilation Enclosures & Hoods** 

Pneumatic & Gear Drive Fluid Handling

**Laboratory Glassware & Tools** 



[Huber Unistat 815]

**Temperature Control Units** 

**Vacuum Pumps** 

**Analytical Instruments** 

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

### 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





# Agrify's Total Solution is here for you.

# Schedule your free consultation today!



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