

A30

23 KG DAILY OUTPUT

23

KG
DAILY

SYSTEM

30L TOTAL VESSEL SIZE

VESSELS

- ASME/CRN certified.
- Pressure-rated to an industry leading 5000 psi.
- Number of Extraction Vessels: 2 - 15L (Expandable).
- Number of separation vessels: 2 - 5L.
- Purpose built SFE coiled tube heat exchanger.
- In-line pressure and temperature (P&T) transducers allow the control system to monitor parameters in real time within 0.1% and 2% respectively.
- Vessels equipped with a reverse flow module (RFM) that allows switching of the CO2 flow from top to bottom and from bottom to top during an extraction run to improve performance.
- Quick closure system for loading and unloading.

FULL PROCESS CONTROL

- Allows the operator to control and track temperature, pressure, and flow rate of all vessels for maximum performance and recipe development.
- Trending & data logging cGMP software ensuring regulatory requirements.
- Complete automation ensures consistent results through our proprietary recipe development technology.
- Allows for safe and easy operation.

FULL PROCESS PORTABLE 2X15L EXTRACTION LAB

Meet the XLab - the perfect balance between processing capacity and size. Our 2x15L extraction system fits neatly in a retrofitted shipping container which also houses pre and post extraction solutions. Just lay a concrete pad, hook up utilities and away you go, your facility will be up and running producing one of the most valuable products of our time.

ADVANCING THE INDUSTRY

HMI TOUCH SCREEN CONTROL PANEL

- Siemens Pro cGMP Custom Controller.
- 19" WinCC Professional Series HMI touchscreen.
- Engineered with TIA Portal.
- Ability to data-log batches.
- Ability for recipe development.
- cGMP Compliant data-logging software.
- All-round IP65 protection.
- Remotely accessible with real-time monitoring and technical support portal.
- Wi-Fi & optional cellular network connectivity.

WARRANTY AND AFTER-SALES SUPPORT

- 1 year comprehensive warranty.
- 24/7 technical support with remote troubleshooting capability.
- Preventative Maintenance Packages offer worry-free operation for years to come.
- Recommended spare parts list ensures little to no down-time of your AESI SFE System.

SPECIFICATIONS

- Footprint - 8 ft. L x 3 ft. W
- Power Requirements - 575V / 3 Φ / 60Hz

EQUIPMENT SPECIFICATIONS

- CFIA Certified Wall Panels
- Lighting, Outlets etc.
- Framing & Insulation (Spray)
- Fire Suppression System
- Addition of steel man doors 36"
- Heating & Cooling with Mini Split
- XLab Dimensions 40' L x 8' H x 10' W
- Seamless Flooring
- HVAC System
- Steel Construction

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