

# 40L EtOH Extraction System

## PRODUCT SPEC

### Extraction Centrifuge

- **Drum Diameter:** 450 mm
- **Drum Height:** 300 mm
- **Drum Rotary speed:** 1500 rpm
- **Drum Volume:** 45L
- **Biomass:** 20lb per batch
- **Voltage:** 220V/60Hz, 1p
- **Power:** 2.2 kw
- **Dimension:** 1400\*850\*1080 mm
- **Weight:** 390 kg
  - Jacketed
  - soaking
  - Cold washing (two direction)
  - High speed spin-dry

### Cooling tank

- **Volume:** 100L
- **Material:** SS304
- **Pressure:** -0.1 ~0.5Mpa
- **Insulation:** polyurethane foam insulation layer
- **Double-layers With a sight window/level gauge.**

### Chiller

- **Volume:** 100L
- **Lowest temp:** -80 °C
- **Refrigerating capacity:** 5500 W
- **Flow:** 20L/min
- **Accurate:** ±0.5 °C
- **Voltage:** 220V/60Hz

### Storage and Filters

- **Storage Volume:** 2x200L
- **Material:** SS304
- **Handing capacity:** 3 T/h
- **Pump Power:** 0.75 kw
- **Normal pressure**



### Skid Physical Dimensions

- **Height:** 1,600 mm
- **Length:** 3,500 mm
- **Width:** 3,000 mm
- **Total weight:** app. 2,500 kg
- **Floor mounting area:** min. 50 m<sup>2</sup>
- **Ceiling height:** 3.0 m

### Control System

- **Functions:** Fully automatic Programmable Logic Controller (PLC) touch screen interface with first level safety functionality and user programmable pressure, temperature and time.
- **Safety:** pressure transducers monitor system pressure and shut down system to prevent accidental over-pressurization.

For pricing information, a demo or more information contact: