

100L EtOH Extraction System

PRODUCT SPEC

Extraction Centrifuge

- **Drum Diameter:** 600 mm
- **Drum Height:** 400 mm
- **Drum Rotary speed:** 1250 rpm
- **Drum Volume:** 110L
- **Biomass:** 50lb per batch
- **Voltage:** 220V/60Hz, 3p
- **Power:** 4 kw
- **Dimension:** 1600*1060*1250 mm
- **Weight:** 390 kg
 - Jacketed
 - soaking
 - Cold washing (two direction)
 - High speed spin-dry

Cooling tank

- **Volume:** 200L
- **Material:** SS304
- **Pressure:** -0.1 ~0.5Mpa
- **Insulation:** polyurethane foam insulation layer
- **Double-layers,** With a sight window/level gauge.

Chiller

- **Volume:** 200L
- **Lowest temp:** -80 °C
- **Refrigerating capacity:** 9500 W
- **Flow:** 35L/min
- **Accurate:** ±0.5 °C
- **Voltage:** 220V/60Hz 3p

Storage and Filters

- **Storage Volume:** 2x500L
- **Material:** SS304
- **Handing capacity:** 3 T/h
- **Pump Power:** 0.75 kw
- **Normal pressure**



Skid Physical Dimensions

- **Height:** 1,800 mm
- **Length:** 3,500 mm
- **Width:** 3,500 mm
- **Total weight:** app. 3,500 kg
- **Floor mounting area:** min. 50 m²
- **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: