

20L EtOH Extraction System

PRODUCT SPEC

Extraction Centrifuge

- **Drum Diameter:** 300 mm
- **Drum Height:** 350 mm
- **Drum Rotary speed:** 2000 rpm
- **Drum Volume:** 25L
- **Biomass:** 13lb per batch
- **Voltage:** 220V/60Hz, 1p
- **Power:** 1.5 kw
- **Dimension:** 1100*650*1020 mm
- **Weight:** 260 kg
 - Jacketed
 - soaking
 - Cold washing (two direction)
 - High speed spin-dry

Cooling tank

- **Volume:** 50L
- **Material:** SS304
- **Pressure:** -0.1 ~ 0.5Mpa
- **Insulation:** polyurethane foam insulation layer
- **Double-layers With a sight window/level gauge.**

Chiller

- **Volume:** 50L
- **Lowest temp:** -80 °C
- **Refrigerating capacity:** 3500 W
- **Flow:** 20L/min
- **Accurate:** ±0.5 °C
- **Voltage:** 220V/60Hz

Storage and Filters

- **Storage Volume:** 2x100L
- **Material:** SS304
- **Handing capacity:** 1T/h
- **Pump Power:** 0.37 kw
- **Normal pressure**



Skid Physical Dimensions

- **Height:** 1,400 mm
- **Length:** 3,000 mm
- **Width:** 2,200 mm
- **Total weight:** app. 1,500 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: