

Crystallization Reactor

PRODUCT SPEC

Crystallization Filter/Reactor

- **Reactor Volume:** 50L
- **Ball Flask Volume:** 20L
- **Condenser Cooling Area:** 0.3 m²
- **Reactor Material:** Glass
- **Agitator:** SS 304 coated with PTFE
- **Rotation speed:** 0-600 RPM
- **Filter Plate:** 10-16um; 160-250um
- **Voltage:** 220V/60Hz, 1p
- **Power:** 120 W

Solvent Recycle Flask

- **Volume:** 20L
- **Material:** Glass
- **Pressure:** -0.1 ~0.5Mpa

Heating and Cooling Circulator

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

Chiller

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

Skid Physical Dimensions

- **Height:** 1,020 mm
- **Length:** 1,100 mm
- **Width:** 650 mm
- **Total weight:** app. 500 kg
- **Floor mounting area:** min. 10 m²
- **Ceiling height:** 2.5 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: