

Product Name :
Yeast Centrifuge Separator (Disk Stack Centrifuge)

Product Code :
LIM-CAT-L0021-00006



Description :

Yeast Centrifuge Separator (Disk Stack Centrifuge)

Technical Specification :

Yeast Centrifuge Separator (Disk Stack Centrifuge)

Vertical Yeast Centrifuge Separator used to separate yeast from fermented broth (2-phase separator). It meet the following specifications:

Material: High Grade Stainless Steel with high strength and good corrosion resistance.

Dimension (mm): Ideally low space occupation: 850x850x1200

Bowl Diameter: 300-440mm

Drum speed: up to 8000rpm; G force/Separator Factor: 8105-12409G

Capacity (Liquid Through Output): $\pm 1000\text{L/hr}$

Motor power: low energy consumption is preferred, also be explosion proof; 380V/50Hz/3phase

Output mode: Centripetal pump.

Control System: Preferably automatic (PLC Control with independent touch screen)/semi-automatic is also acceptable: it control the start, stop, emergency stop, and current monitoring in real time. It include four alarm system functions: vibration alarm, speed alarm, insufficient slag discharge value alarm, and drum leakage alarm.

Processing material: Fermented broth for yeast removal and recycling.

Centrifuge Type: Disc Centrifuge. provide a complete set of drum discs as spares. The sludge discharge tank/container to be connected to the yeast recuperation and treatment tank with H_2SO_4 (Sulphuric Acid, $\text{pH}=2$), while the cleaning liquid outlet pipe is redirected to the intermediary storage tank awaiting distillation.

Separation mode: Sedimentation Type (liquid- solid separation).

Energy conservation and low noise emission.

CIP cleaners with their core components (motors/pumps/pipes/fittings/valves/Gaskets and spares).

All the spanners for the small and large lock rings is supplied in addition with a tin hammer.

Fly and insect resistant sanitary breathing cover.

Dismountable materials input pipe assembly is provided.

Operate at low pressure with separation efficiency possible.

Yeast Centrifuge Separator Disk Stack Centrifuge, Yeast Centrifuge Separator Disk Stack Centrifuge Bulk Suppliers, Yeast Centrifuge Separator Disk Stack Centrifuge Tools, Yeast Centrifuge Separator Disk Stack Centrifuge Yeast Centrifuge Separator Disk Stack Centrifuges, Yeast Centrifuge Separator Disk Stack Centrifuge Manufacturers, Yeast Centrifuge Separator Disk Stack Centrifuge Suppliers from India, China, Kenya.



Laboratory instruments manufacturers India