

Tubular Centrifuge for Liquid-Liquid-Solid Separation

Tubular centrifuges are used in biological processes for cell harvesting, clarifying, and separating chemicals, foods, blood, and pharmaceuticals. This centrifuge achieves consistently high performance without using costly disposables in continuous, semi-continuous, or batch operations.



Overview

High-Performance Tubular Separation

This tubular centrifuge is engineered for high-efficiency liquid-liquid-solid separation in pharmaceutical, chemical, and biological processing. It achieves consistent results by utilizing high G-forces to densely pack solids without the need for expensive, fragile membranes. The rugged stainless steel construction ensures durability and easy sanitation, making it a reliable choice for continuous, semi-continuous, or batch industrial operations.

Technical Specifications

Inner Diameter of Bowl	105 mm
Solid Holding Capacity	5.5 litres
Rotational Speed	16000 RPM

Performance Metrics

Operational Metrics

15025 x G
Centrifugal Force

1200 L/h
Throughput

Mechanical Specifications

Motor Power	2.2 KW
Dimensions (LxWxH)	800x700x1400 mm
Weight	400 kg

Features

Why Choose Tubular Centrifugation

- No costly disposables or fragile membranes required
- High G-force processing for densely packed solids
- Stainless steel fluid path resistant to chemicals and high heat
- Simple setup, operation, and rapid cleaning
- Consistent performance without mid-run degradation

Applications

Typical Industry Applications

Biomass Harvesting, Pharmaceutical Processing, Blood Fractionation, Bioremediation, Chemical Separation, Sludge Processing