

High Speed Tubular Centrifuge for Liquid Clarification

The high-speed tube centrifuge is suitable for solid-liquid separation with low concentration, small particles, high viscosity and small difference of specific gravity of two medium. It is mainly used for separation of suspension with small solids which is hard to separate.



Overview

High-Speed Tubular Centrifuge

The GF105J high-speed tubular centrifuge is a specialized separation system designed for laboratories, research institutes, and industrial applications. It excels at separating suspensions with small solids, low concentrations, and high viscosity, making it ideal for processes where specific gravity differences between media are minimal. With a compact footprint and high separation efficiency, this unit offers a reliable solution for liquid clarification and solid-liquid separation tasks.

Performance Metrics

Rotational Speed

20000 RPM

Rotational Speed

Centrifugal Force

16770 x G

Centrifugal Force

Throughput Capacity

500 L/h

Technical Specifications

Inner Diameter of Bowl	75 mm
Solid Holding Capacity	2 L
Motor Power	1.5 KW

Physical Dimensions

Physical Dimensions

Attribute	Value
Size (LxWxH)	800 x 400 x 1200 mm
Weight	300 kg

Applications

Typical Applications

- Transformer oil purification
- Edible oil processing
- Lubricating oil and fuel treatment
- Blood plasma separation
- Pharmaceutical extract refinement
- Sewage handling

Suitable Industries

Pharmacy, Healthy Food, Beverage, Chemical Industry, Biological Research