

# High Speed Tubular Bowl Centrifuge

This high-speed centrifuge features a vertical tubular bowl design, generating centrifugal force up to 20000 times the force of gravity. It facilitates the continuous separation of two immiscible liquids with different specific gravities or clarifies liquids containing fine insoluble solids.



## Overview

### High Speed Tubular Bowl Super Centrifuge

The GQ/GF series is a vertical high-speed tubular bowl centrifuge engineered for continuous separation of immiscible liquids or the clarification of liquids containing fine insoluble solids. By generating centrifugal forces up to 20,000 times the force of gravity, it efficiently separates mixtures into concentric layers while depositing solids against the rotor wall. This robust system is ideal for demanding industrial applications requiring high-purity separation and consistent performance.

## Technical Specifications

### Performance Metrics

**16000 RPM**

Rotational Speed

**15025 x G**

Centrifugal Force

**1200 L/h**

Throughput

Bowl Inner Diameter	105 mm
Solid Holding Capacity	5.5 litres

## Physical Properties

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

## Operational Features

Separation Capabilities	Liquid-Liquid Separation, Liquid-Solid Clarification, Continuous Separation, Batch-wise Solid Removal
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