

Three-Phase Separator Disc Stack Centrifuge

This three-phase separator uses centrifugal force to divide mixtures into three distinct phases. It features stainless steel construction and control valves for managing the separation process.



Product Overview

High-Efficiency Centrifugal Separation

This three-phase disc stack centrifuge is engineered for the separation of difficult materials, including viscous liquids with fine solid particles and complex emulsions. Featuring an automatic slag discharge system and high separation factor, it delivers robust performance across diverse industrial sectors. Its design prioritizes operational efficiency, offering both manual control and PLC-based automated timing for reduced labor intensity.

Technical Specifications

Control Options

- Manual Operation
- PLC Program Control
- Remote Operation

Separation Capability

Liquid-Liquid-Solid, Liquid-Solid, Three-Phase Separation

Clutch System

Hydraulic coupling

Industrial Applications

Target Industries

- Chemical Processing
- Pharmaceutical
- Dairy & Beverage
- Petroleum
- Metallurgy
- Biological

Scale of Operation

Laboratory • Large-Scale Production