



# Continuous Centrifuge

J Series | Bellspin

Continuous  
Centrifuge



## Features

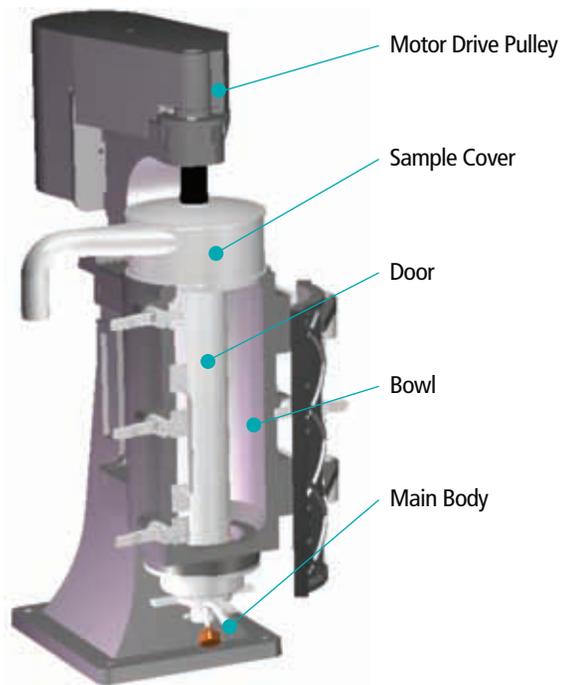
- Convenient and classified concentration of solid substance produced in the procedure of food or pharmaceutical production, the environmental treatment, the bio (microbe, botany, animal) culture procedure
- Gold metallic painting of main body for the appropriate confrontation to the critical change of ambience and shock proof
- Concentration of sound quality in the shape of solid
- Opening of whole surface and easy loading and unloading
- Strengthened safety with 4 door-locks
- Part of connection of spindle and the upper body of the bowl is the unified screw cover with easy handling to protect operator and spindle
- Control box of convenient handling and central processing
- Inspection apparatus checking purity of separated liquid
- LCD touch screen displaying rpm, rcf, time is suitable for treating bacteria and yeast
- Solid substance is collected on Teflon sheet
- Specially designed triangular impeller
- Function of dispensing substance and of fixing Teflon sheet to the inner wall of bowl
- Low vibration and the compact size for easy installation in tiny space

## Applications

Pharmaceuticals: medicine intermediate, herb medicine extracts, medicinal plant fiber, chlorella

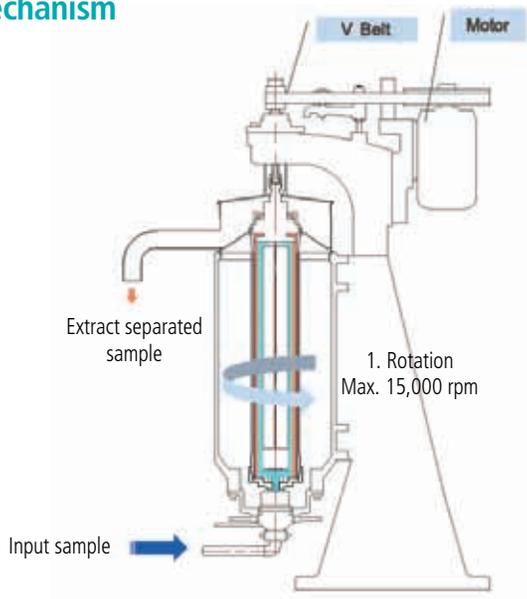
- **Dyeing waste :**
  - Dyeing waste water, leather waste, oil tank solids, oil (lubricants, machinery, cleansing oil) recycling, chemical industries
  - Ink, various paints, ammonia heritage, barium vitriol, aluminum oxide, activated carbon, zinc vitriol, dye
- **Food :** Peanut oil, rapeseed oil, grain starch, animal/plant oil refining, cereal flour, gelatin, amino acids, soy sauce, skim milk
- **Others :** Whole separation and refining in dairy process, cosmetics manufacturing, the manufacture of liver oil, yeast manufacturing, bio-technology areas, such as clean separation of the liquid and used for collection of solid water

## J 1250 Design

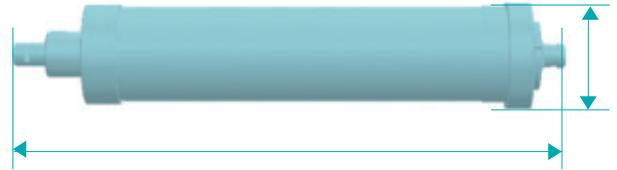


Main Part	Surface Preparation
Motor Drive Pulley	Spray E-p
Sample Cover	Electrolytic Polishing
Door	Spray E-p
Bowl	Electrolytic Polishing
Main Body	Spray E-p

### Mechanism

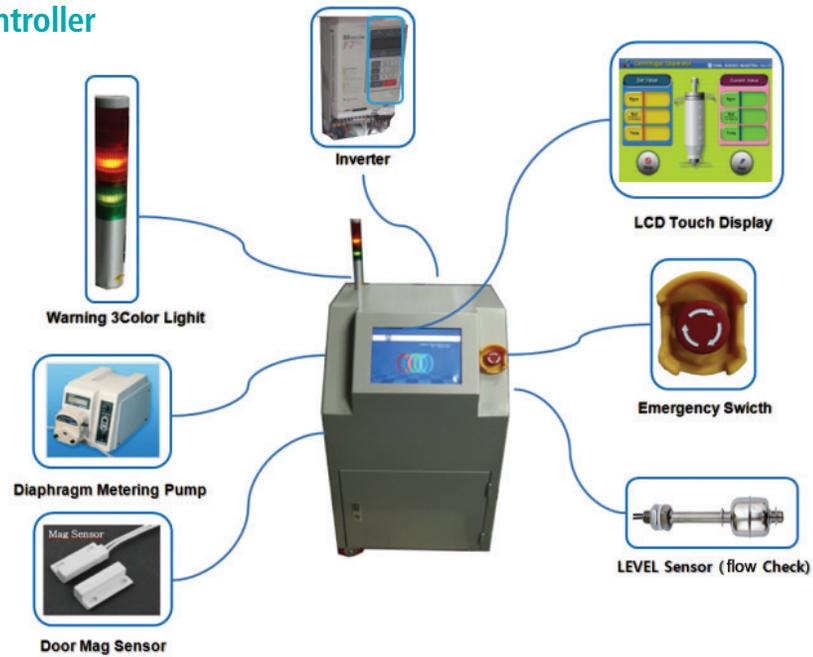


### Bowl Spec



- Bowl Weight : 25Kg
- Bowl Dim : H954, D146
- Bowl Max Rpm : 15,000rpm

### Components of controller

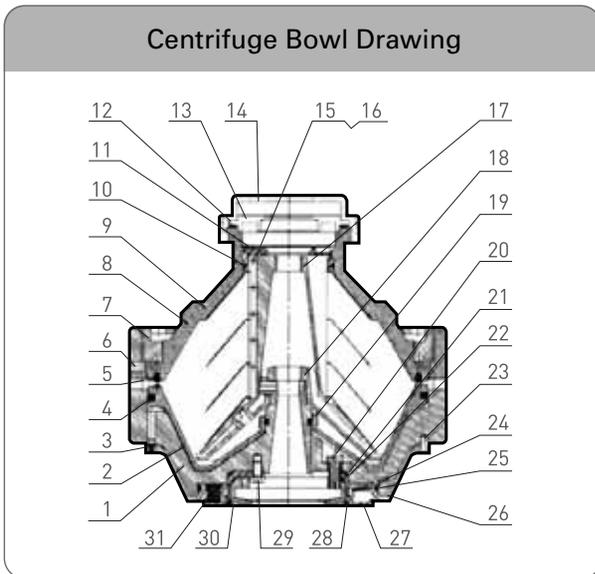


### Harvesting



# Disk Continuous Centrifuge

## DHC series



### Specification

Model	DHCSM-250	DHCSM-400	DHCSM-450
Speed	7,302rpm	7,069rpm	6,738rpm
Capacity	200~2000 l/h	500~3000 l/h	800~5000 l/h
Dimension	950x950x1300	1500x1100x1500	1772x1473x1920
Power(Electric)	380V / 60Hz / 3Ø		

### Applications

- **Dairy centrifuge** : for refining pure milk or skim milk (to remove solid impurities)
- **Mineral oil centrifuge** : Milk, kerosene, lubricants and mineral oils such as transformer oil, removing impurities from the water removal and the equipment used in the separation and similar substances used in the emulsion
- **Vegetable oil centrifuge** : used in processing and refining vegetable oil
- **Animal oil centrifuge** : refining animal oil in meat processing and fish
- **Enzyme-centrifuge** : used for concentration of enzyme and using nozzle to remove the precipitate
- **Starch centrifuge** : used to remove protein from starch and for concentration and using nozzle to remove the precipitate
- **Wool fat centrifuge** : used to extract lanoline in woolen fabric industry and using nozzle to remove the precipitate
- **Pharmaceutical centrifuge** : in pharmaceutical and chemical industry, used to extract antibiotics and vitamins for three-phase separation.(liquid-liquid-solid)
- **Beer-centrifuge** : used to refine beer, malt and etc
- **Latex-centrifuge** : used to concentrate emulsion from rubber tree and purify latex layer
- **Paint centrifuge**: used to separate impurities from paint and make paint dense

# 3 phase separation centrifuge

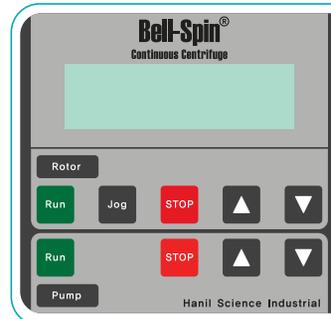
Industrial continuous centrifuge functioning in mini size.

# Bellspin

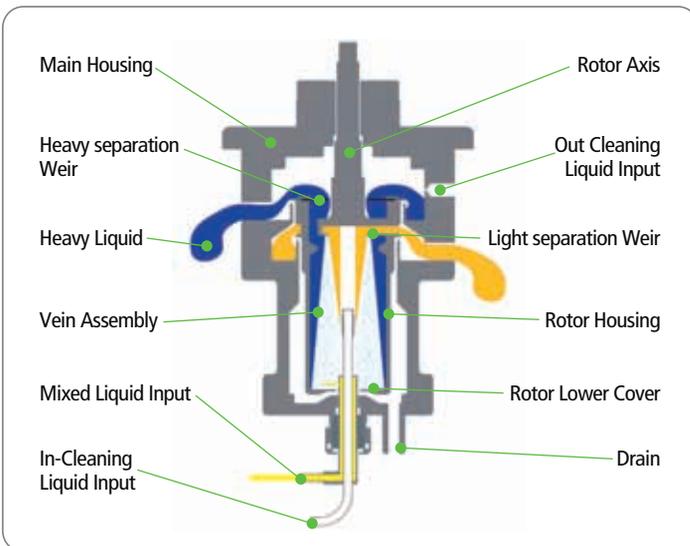
<b>8,000</b> MAX. RPM	<b>1,792</b> MAX. RCF	<b>1,900</b> ml/min MAX. CAP
MAX. RPM	MAX. RCF	MAX. CAP



- 3 phase separation (heavy liquid, light liquid, sludge)
- Separation of mixed liquid over gravity difference 0.05
- Easily movable with design of saving working space
- Simple & easy operation
- Specially designed pump



- Easy moveability
- Cleaning nozzle for rotor inside/outside
- Cleaning low speed function
- Stable amount of sample by SUS 316L



Max. Capacity	1900ml/min
Temperature Range	4 ~ 80°C
RPM Range	120 ~ 8,000rpm
Max. RCF	1,792 x g
Rotor Inside Diameter	ø50
Rotor Weight	1.2 Kg
Rotor Inside Volume	200mL
Interchangeable Weir Plates	ø25, ø25.5, ø26
Dimension Centrifuge	466W x 215D x 298H/mm
Dimension Controller	150W x 252D x 278H/mm
Weight (Centrifuge/Controller)	21Kg / 5.7Kg
In/Out Port Inside Diameter	ø6
Drain Inside Diameter	ø4
Power	220V, 50/60Hz

\* Please note that technical specifications subject to change.