



# **PURE CENTRIFUGES**



**Office and Works:-**

S. NO. 322 / 2 , WAGHERE IND. ESTATE,  
NEAR OLD BOAT CLUB, PIMPRIGAON,  
PUNE—411017.

**Contact Details:-**

Mob. +91 9762226129 (W/A) / 9823302211  
Email:- sales.purecentrifuges@gmail.com  
GST NO—27ARKPK3733F1ZS

Ref: PC / INTRO.

**SUB: CENTRIFUGES**

Dear Sir,

We take this opportunity to introduce ourselves as a leading Supplier of Parts / services & Centrifuges associated with Biotech, Pharma, Oil, Fertilizers, Food, Chemical, and other Industries.

**PURE CENTRIFUGES** provides various range of centrifuges to meet the current demands of these industries. **PURE CENTRIFUGES** is located in **PUNE**. We are involved in **Engineering, servicing, Installation and commissioning** of the entire range of Process equipment's.

We would like tell you that we can offer you following types of centrifuges (new or reconditioned) mainly.

- 1. Decanter Centrifuges**
- 2. Super (Tubular) Centrifuge**
- 3. Basket type centrifuge.**
- 4. High pressure Homogenizers.**
- 5. Cream separators.**
- 6. Plate Heat exchangers.**
- 7. Sanitary pumps for hyginique operations (Lob pump, centrifugal pump, high pressure piston pumps)**

Even we can offer you the fabrication items i.e. Dump tanks, storage tanks, Pasteurizers, etc. we can fulfill your any requirement of any Process equipment plant.

They can be offered in carbon steel, stainless steel, and alloys and also with special lining for various applications. Our Centrifuge machines typically replace Cartridge filters, filter presses, neutsche filters, and leaf filters of various industrial segment and sedimentation clarifiers / thickeners used in Effluent Treatment Plants.

It would be our pleasure to get associated with you for your any of the requirement of above equipment for your upcoming project.



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We request you to register our name in list of your approved vendor and send us your valued specific enquiries to enable us to submit our proposal for the same.

It would be of our pleasure to be of service to you. Should you require any information, please feel free to contact us.

Thanking you and assuring of our best services at all times.

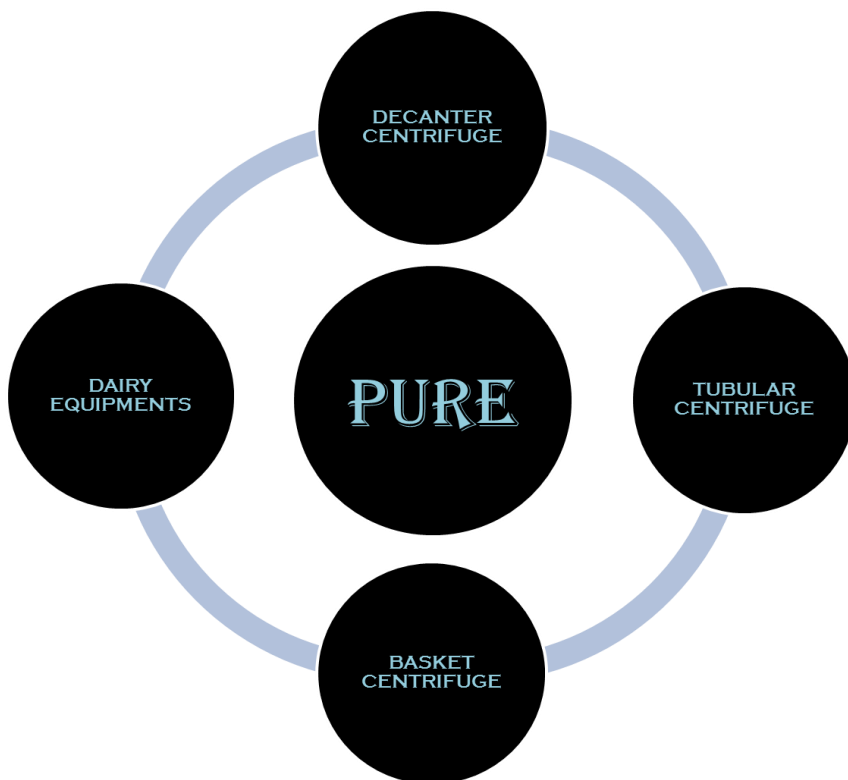
**Yours faithfully,**

**For ,**

**PURE CENTRIFUGES,**

**PIMPRIGAON, PUNE—411017**

**OUR PRODUCT RANGE**





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## **DECANTER CENTRIFUGE**

The decanter centrifuge is a sedimentation centrifuge for separation of suspended solids from one or two liquids. The characteristic which distinguishes a decanter centrifuge from other types of centrifuges such as disc stack separators is that it has a cono-cylindrical rotor equipped with a conveyor for continuous unloading of sedimented solids.

### **DESCRIPTION / ADVANTAGES**

A decanter centrifuge; consists of a solid cylindrical bowl rotating at high speed, a scroll rotating at the same axis with a slightly different speed, a drive group adjusting the speed difference and the body which carries all the rotating elements.

Application flexibility	Corrosion and wear protection
Operational conditions	Low space requirement    Easy installation
Personnel safety	Automation

### **APPLICATIONS**

Municipal waste water treatment plants	Dewatering
Industrial waste water treatment plant	Fish meal and fish oil extraction
Iron and steel industry treatment plants	Foods & Beverages Plants
Paper production mills treatment plants	



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PC 355L/3 AUTO

PC 355L/3 MANU.



PC 210 / AUTO



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## **BASKET CENTRIFUGE**

**PURE CENTRIFUGES** offers batch and continuous type Basket centrifuges of rugged construction and reliable design. They can be offered in pendulum three point suspensions or inertia four point suspension type designs.

### **DESCRIPTION / ADVANTAGES**

The self- balancing design of suspensions enables smooth & vibration free operation of centrifuge. Houses the inlet connections, sight and light glass, discharge mechanism. Included with full electrical and mechanical inter locking arrangement to meet the highest safety standards. Rigidly constructed Casing and basket can be offered in various materials according to application. The variety of designs with mechanical or hydraulic clutch for power transmission with manual breaking. Reduction in labour hours. Reduction in material losses during handling.

### **APPLICATIONS: -**

Chemical industry.

Dyestuff industry.

Pharmaceutical industry.

Textile industry.

Waste water treatment.

Dia x Depth	Screen Area sq. m.	Max. cake depth	Max. R.P.M.	Max. G force	Appx. Weight in kg.
305 x 150	0.143	50	1500	380	88
610 x 305	0.587	100	1400	664	610
915 x 405	1.164	125	1000	508	1200
1220 x 500	1.916	175	800	434	1500





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## **TUBULAR CENTRIFUGE**

The tubular super centrifuges are the machines fitted with vertical axis that are used for the recovery of solids or elimination of liquid suspended impurities, and for the separation of two non miscible liquids of different densities, using the centrifugal force by means of suspended high revolution rotors ( bowl ).

### **DESCRIPTIONS / ADVANTAGES:-**

Simple strong structure.

Tensor system allowing to take the rotor out without dismantling the belt.

Installation without foundation as forces are not transmitted on the floor.

Simple access and easy cleaning.

Revolving top head assembly for the easy extraction of the bowl in the bigger size.

Cooling or heating system possibilities.

### **APPLICATIONS:-**

Covers wide range of applications for both separating and clarifying liquid.

Essential oils.

Varnishes.

Paints.

Separation of human & animal plasma & red cells.

Separation of virus & bacteria's.

Type of machine	Flow Capacity in l/h	Max. Velocity in PRM	G force Max.	Dm 3	Diameter in mm	Power in Kw	Net weight in Kg.	Machine size
PC 5 C/S	500 / 1200	16000	15000 × G	5	105	2.2	350	1.8 × 0.8 × 1 m.
PC 8 C/S	800 / 2000	14650	15000 × G	8	126	3.7	500	1.8 × 1.3 × 0.8 m.



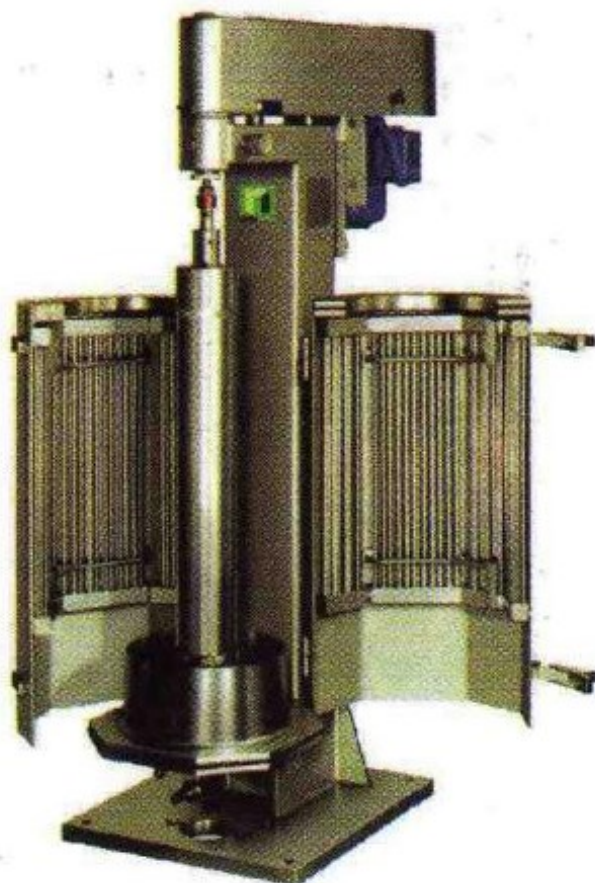
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## DAIRY EQUIPMENTS

We PURE CENTRIFUGES as a Manufacturer, Supplier, Wholesaler and Trader of a diverse and a commendable range of Dairy Equipment. The highly praised and preferred range comprises the finest **Cream Separator, Homogenisers, Pasteurisers, Pumps, Khava pan, Lassi machine, Shrikhand Machine.**

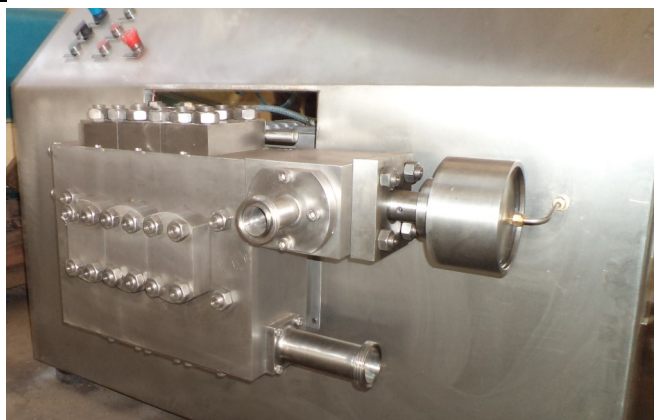
These dairy instruments and equipment are manufactured in compliance with the set industry norms and guidelines. Owing to this, these products are appreciated for their service life, performance, user friendly nature, capacity and precision. Further, we provide this range to our clients, at a market leading rate. The highly state-of-the-art infrastructure at Pure Centrifuges has been equipped with all the required machinery and equipment.



300 LPH



100 LPH



5000 LPH



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**KHAVA PAN**



**CREAM SEPARATOR 1000 LPH**



**HIGH SPEED SHEAR MIXER**





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## **LIST OF OUR SOME REPUTED CUSTOMERS**

ITC Ltd., Food Division, .  
Rajangaon, Pune

Mr. Pradeep ushire (+91 8600533355)  
Maintenance Incharge

RPS bio Tech Pvt. Ltd.  
Ahmedabad, Gujrat

Mr. Ramesh Patil (+ 91 9822099547)  
Managing director.

Indus Boi tech,  
Pirangut, Tal- Mulashi, Pune.

Mr. Shrikant Ligade (+91 9225668418)  
Production Head

Consultant

Mr. Sunil Bhosale (+91 9923173354)

Fish meal & oil Products  
Oman

Mr. Chandrashekhar (+ 96 871500635)  
Production Head.

Murhopye scientific company,  
Mysoor, Karnataka.

Mr. Vijay Kumar (+ 919686122635)  
Project head.

Shri Ganesh Agro,  
Mulund, Mumbai

Mr. Subhash sir (+ 919867368935)  
Proprietor

Mark Technology & services  
Bhandup, Mumbai.

Mr. Nadar sir (+91 9833999515)  
Proprietor

T. J. Marine Products  
Ratnagiri, Maharashtra

Mr. Arun Sir (+91 8380020852)  
Production Head

Krijan Boi tech Pvt. Ltd.,  
Banglore.

Mr. Janardan Sir (+91 7013475503)  
Owner

Span Hydrotech Pvt. Ltd.  
Pune, Maharashtra.

Mr. Gaidhani sir (+91 9422007106)  
Managing Director

Cyrus reclaimers & engg. Pvt. Ltd.  
Pune, Maharashtra

Mr. Varun Shah (+91 9881121389)  
Business development.

Golden Lion Services,  
Pune, Maharashtra.

Mr. Pradip satpute (+91 9850760844)  
Proprietor

Clean Aquato Pvt. Ltd.  
Pune, Maharashtra

Mr. Abhishek Sir (+91 8421230890)  
Managing director



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## CENTRIFUGE APPLICATION WORKSHEET

### 1. COMPANY PROFILE

Date					
Company					
Address					
City		State		Zip	
Name			Title		
Phone			Fax		

### 2. PRODUCT AND PROCESS DESCRIPTION

Type of separation	L/L		L/L/S		L/S	
Required flow-rate l/h			T °C		pH	
Operation time	h/day				day/year	

### 3. PRODUCT INLET – Mixture composition

	Name	% (V/V)	% (W/W)	Density kg/dm <sup>3</sup>	Viscosity cSt	Temp. °C
Liquid 1						
Liquid 2						
Solids						

### 4. PRODUCT OUTLET – Required separation results

	Residual content % (V/V) of:			Note
	Liquid 1	Liquid 2	Solids	
Into: Liquid 1				
Into: Liquid 2				
Into: Solids				

### 5. SOLIDS PARTICLES SIZE - Micron - % of total number

< 0,1 µm	0,1–1 µm	1-10 µm	10-100 µm	100-500 µm	500-1000 µm	> 1000 µm
%	%	%	%	%	%	%



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**6. SOLIDS - Other data**

Crystal		Gum	
Mud		Abrasive	
Corrosive		Sticking	
Other			

**7. CORROSION RISK:**

No		Yes	
Stainless steel/Alloy quality requirement			

**8. PRODUCT CONTACT WITH AIR:**

Acceptable		Unacceptable	
Process under pressure		Inert gas blanketing	
Other			

**CLEANING IN PLACE (CIP)**

No		Yes	
Temperature	°C	Chemical solutions	

**STEAM STERILIZATION**

No		Yes	
Temperature	°C	Pressure	MPa

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**FLOW SHEET AND OTHER INFORMATION: to be attached**

**EXPERIENCE WITH CENTRIFUGAL SEPARATORS**