

SMB MODEL DAIRY SEPARATOR

With the gradual increasing in the people's living, the dairy consumer market also continues to expand, as a result the people's attitudes of consumer milk also increase strongly from "drink milk" to "drink good milk". So, the advance equipments are very important in the production process. The centrifugal separator from Sarthak has the special design for the centripetal pump and inlet/outlet port which will create a soft separation environment for the material to ensure the active ingredient in the material is not destroyed & made the nutritional value and freshness as well as original flavor keep well.

Sarthak enables the separator to separate the extreme tiny solid particles which dispersed in suspensions from the liquid phase out. It has features like large capacity, good performance, high efficiency and lower energy consumption.





DAIRY SEPARATOR SERIES (SMB)

APPLICATION

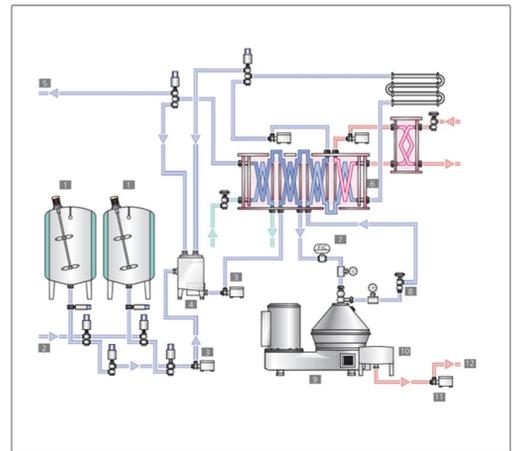
Hot milk separation
Cold milk separation
Whey Protein Separation
Buttermilk separation
Dairy whey Clarification
Serum Separation
Ghee Clarifying
Bactofugation etc

SCOPE OF SUPPLY

1. Control Panel
2. Standard tools & Accessories
3. Foundation Frame
4. Water Booster Pump
5. Pipeline fittings etc

ADVANTAGE OF BELT DRIVE MACHINE

1. Low maintenance cost
2. Less Vibration
3. Less Noise
4. Easy Maintenance



1 Storage tank
 2 Raw milk
 3 Pump
 4 Feed tank
 5 Cleaned pasteurized milk
 6 Heat exchanger
 7 Flowmeter
 8 Constant pressure valve
 9 Clarifier
 10 Solids tank
 11 Solids pump
 12 Solids

TECHNICAL PARAMETERS

| Model | Treatment Capacity | Inlet Pressure (Mpa) | Outlet Pressure (Mpa) | Electric Power (KW) | Weight(kg) | Outline Dimension (LxWxH) |
|-----------|--------------------|----------------------|-----------------------|---------------------|------------|---------------------------|
| SMB 5000 | 5000 | 0.05 | 0.1-0.4 | 15 | 1600 | 1900X1265X1850 |
| SMB 10000 | 10000 | 0.05 | 0.1-0.4 | 22 | 2300 | 2105x1800x1900 |
| SMB 20000 | 20000 | 0.05 | 0.1-0.4 | 37 | 3200 | 2195x1735x2085 |

Kindly Note: Besides the above, we also provide dairy separators as per customer specifications & capacity requirements