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**Product Name :**  
Disc Bowl Centrifuge

**Product Code :**  
LBNY-0005-10700054



#### **Description :**

The feed reservoir, positioned over the centrifuge, is made from grey anodised aluminium and contains a polypropylene on/off valve.

A supporting framework intended for bench mounting houses the separator, complete with its variable speed drive control unit, feed reservoir and the necessary ancillary equipment.

A motor, directly coupled to the separator bowl, is mounted vertically in a cast aluminium casing with cushioned clamping feet. The casing acts as the support for the separator.

The separator bowl assembly is made up of stainless steel disks and an anodised aluminium casing with nitrile rubber seating ring, housed in a polypropylene shroud which incorporates the cream and skimmed milk outlets.

#### **Technical Specification :**

Materials in contact with the process fluid are anodised aluminium, stainless steel, nitrile rubber and polypropylene.

Twelve motor speeds between 8,500 and 10,000rpm are selectable.

Using milk as the process fluid, cream having a fat content from 12 - 55% can be obtained. Accessories are included to allow variation and measurement of bowl speed and throughput rate measurement.

Ease of strip down to component parts is facilitated by tools included in the supply.

A self-contained centrifugal separator training unit which allows thorough investigation of the separation of a heavy phase liquid from a lighter phase liquid.

Throughput up to 125 litres per hour can be obtained from a 10 litre capacity feed tank which can be continuously replenished.



**Laboratory Instrument India**