



YGT200 Technical Parameters

1. Use environmental conditions:

1.1 Altitude: not higher than 1000m;

1.2 Ambient temperature: highest +40°C, lowest -10°C;

1.3 Relative humidity: daily average is not more than 95%, the monthly average is not more than 90%;

2. The main technical parameters of the centrifuge

Flat hanging bag centrifuge

Drum diameter: 200mm

Drum wall thickness: 2mm

Shell thickness: 2mm

Maximum drum speed: 3000r/min

Maximum separation factor: 1007

Effective volume: 2L

Maximum loading capacity: 3Kg

Centrifuge weight: 75Kg

The size of the centrifuge: (L×W×H) 600×360×350mm

Motor power: 0.55Kw

3. Centrifuge material requirements:

3.1 The material of the contact part between the centrifuge and the material is 304 stainless steel.

Among them:

a. The drum wall is made of 2mm thick 304 stainless steel;

b. The column liquid plate is made of 2mm thick 304 stainless steel;

c. The outer surface of the bottom of the drum is lined with 304 stainless steel;

d. The casing and casing cover is made of 304 stainless steel;

e. The top and surroundings of the bottom plate are all lined with 304 stainless steel;

f. The bearing seat is lined with 304 stainless steel;

g. The feed pipe is made of 304 stainless steel.

3.2 All connecting bolts in contact with materials are made of 304 stainless steel;



3.3 The body of the bottom of the drum and the body of the bearing chamber are made of HT200 cast iron;

3.4 The base body adopts Q235-A ordinary carbon steel plate;

3.5 The main shaft is 45# high-quality carbon steel;

4. Centrifuge quality and main technical requirements

4.1 The centrifuge design and manufacturing inspection shall be carried out in accordance with JB/T10769.2-2007 "Three-foot and flat-plate centrifuge technical conditions" and GB/T19001-2000idt ISO9001-2000 quality system standards. The quality and performance of the centrifuge are in line with the above Product standard specifications and corresponding technical requirements of this agreement.

4.2 The motor adopts frequency conversion speed regulation, and the centrifuge feeding, washing, and separation speeds can be adjusted randomly.

4.3 The centrifuge adopts the dynamic braking mode of the braking unit and braking resistor, and the braking performance is reliable.

4.4 Adopting a large flip lid structure, each centrifuge is equipped with a spring opening lid system and five quick-action locking buckles, the lid is light and dexterous, safe, and reliable; the lid is convenient and fast, and the sealing is good.

4.5 The material is fed by the feeding pipe, the cloth is uniform, and the whole machine runs smoothly.

5. The main configuration of the centrifuge:

5.1 Standard configuration: 304 stainless steel, ordinary motor.

5.2 Configuration options: material (304 stainless steel, 316 stainless steel, titanium, plastic lining, etc.), clean type (in compliance with pharmaceutical GMP requirements), explosion-proof motor, explosion-proof control cabinet, insulation spacer (copper hot water or liquid carbon dioxide) .