



PB600 Technical parameters

1. Operating environment conditions:

- 1.1 Altitude: no higher than 1000m;
- 1.2 Ambient temperature: the highest +40°C, the lowest -10°C;
- 1.3 Relative humidity: daily average no more than 95%, monthly average no more than 90%;

2. Centrifuge main technical parameters

Drum diameter: 600mm

Drum thickness: 4mm

Drum speed: 1600r/min

Effective volume: 42L

Weight: 1000Kg

Dimension: 1300×900×1050mm

Motor power: 3Kw

shell thickness: 3mm

Maximum separation factor: 756

Maximum loading capacity: 55Kg

3. Material requirements

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

Among them:

- a. The drum wall is made of 304 stainless steel with a thickness of 4mm;
- b. The tank plate is made of 304 stainless steel with 4mm thickness;
- c. The surface of the drum bottom is lined with 304 stainless steel;
- d. The casing and the cover are made of 304 stainless steel;
- e. The upper and all sides of the bottom plate are lined with 304 stainless steel;
- f. Bearing housing lining 304 stainless steel;
- g. The feed pipe is made of 304 stainless steel.

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

3.3 The body of drum bottom and bearing chamber shall be made of HT200 cast iron;

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

3.5 The spindle is 45# high quality carbon steel;



4. Centrifuge quality and main technical requirements

4.1 Centrifuge design and manufacturing inspection shall be conducted in accordance with JB/T10769.2-2007 Technical Conditions for Tripod and Flat Centrifuge and GB/ T19001-2000IDT ISO9001-2000 quality system standards. The quality and performance of the centrifuge shall meet the above product standards and the corresponding technical requirements of this Agreement.

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

4.3 The centrifuge adopts energy consumption braking mode of braking unit and braking resistance, with reliable braking performance.

4.4 Large flap structure is adopted. Each centrifuge is equipped with a spring cover opening system and 5 quick moving locks. Uncovering is portable, flexible, safe and reliable. Close the cover is convenient and quick, good sealing.

4.5 Feeding pipe is adopted to ensure uniform cloth and smooth operation of the machine.

5. Main configuration

5.1 Each centrifuge is equipped with one main electric control cabinet, which includes one 3KW frequency converter, one brake unit and two brake resistors. Inverter for the brand of INDVS, electrical components for the brand of CHINT.

5.2 Each centrifuge shall be equipped with 1 3KW motor, Jiangyin DZ brand (such as explosion-proof motor is Jiamusi brand).

5.3 Each centrifuge is equipped with one set of large flap.

5.4 Each centrifuge shall be equipped with a lifting block plate, and a filter bag shall be installed randomly.