

BJ-2 Disintegration Time Limit Tester

Disintegration time limit tester is a drug test instrument to test the disintegration time limit of tablets, capsules and pills in accordance with *Chinese Pharmacopoeia*.

Technical indexes:

- △ Temperature prefabrication range: room temperature: $\sim 50^{\circ}\text{C}$, display resolution: 0.1°C .
- △ Temperature control accuracy: $\pm 0.3^{\circ}\text{C}$
- △ Timing prefabrication range: 1min $\sim$ 900min
- △ Time control accuracy: $\pm 0.5\text{min}$
- △ Work noise: $< 60\text{db}$
- △ Number of lifting baskets: 2 sets
- △ Lifting frequency of basket: (30 $\sim$ 31) times/min.
- △ Lifting distance of basket: (55 $\pm$ 1) mm
- △ Minimum spacing from screen to beaker bottom: 25mm $\pm$ 2mm
- △ Mesh size: standard configuration 2mm, (optional for 0.425mm and 1mm bore diameters)
- △ Power supply: 220V50Hz
- △ Total power: 600W
- △ Overall dimensions: L*W*H 400mm*320mm*440mm

Main features:

- ◎ Double-basket working position system measures disintegration time limit.
- ◎ **2 sets of baskets, which can conduct independent disintegration experiment respectively.**
- ◎ **Electronic temperature sensor can display and monitor various points in water bath case and the temperature in the beaker.** High-precision digital electronic sensor is adopted to ensure the high precision and high accuracy of water bath temperature without the need for calibration.
- ◎ The instrument controls the bath temperature at 37.0°C automatically (prescribed by *Pharmacopoeia*). It can also reset the preset temperature again at any time.
- ◎ The instrument sets the lifting time of baskets to be 15min automatically, which can also be reset at any time.
- ◎ It adopts the computer control technology which is centered on SCM to control two performance parameters including bath temperature and working time intelligently.
- ◎ The instrument can monitor bath temperature, give over-temperature alarm and protect itself automatically.

