

DISINTEGRATION INSTRUMENT

DW-ZBJ01

User Manual



Please read the manual before installation and operation.

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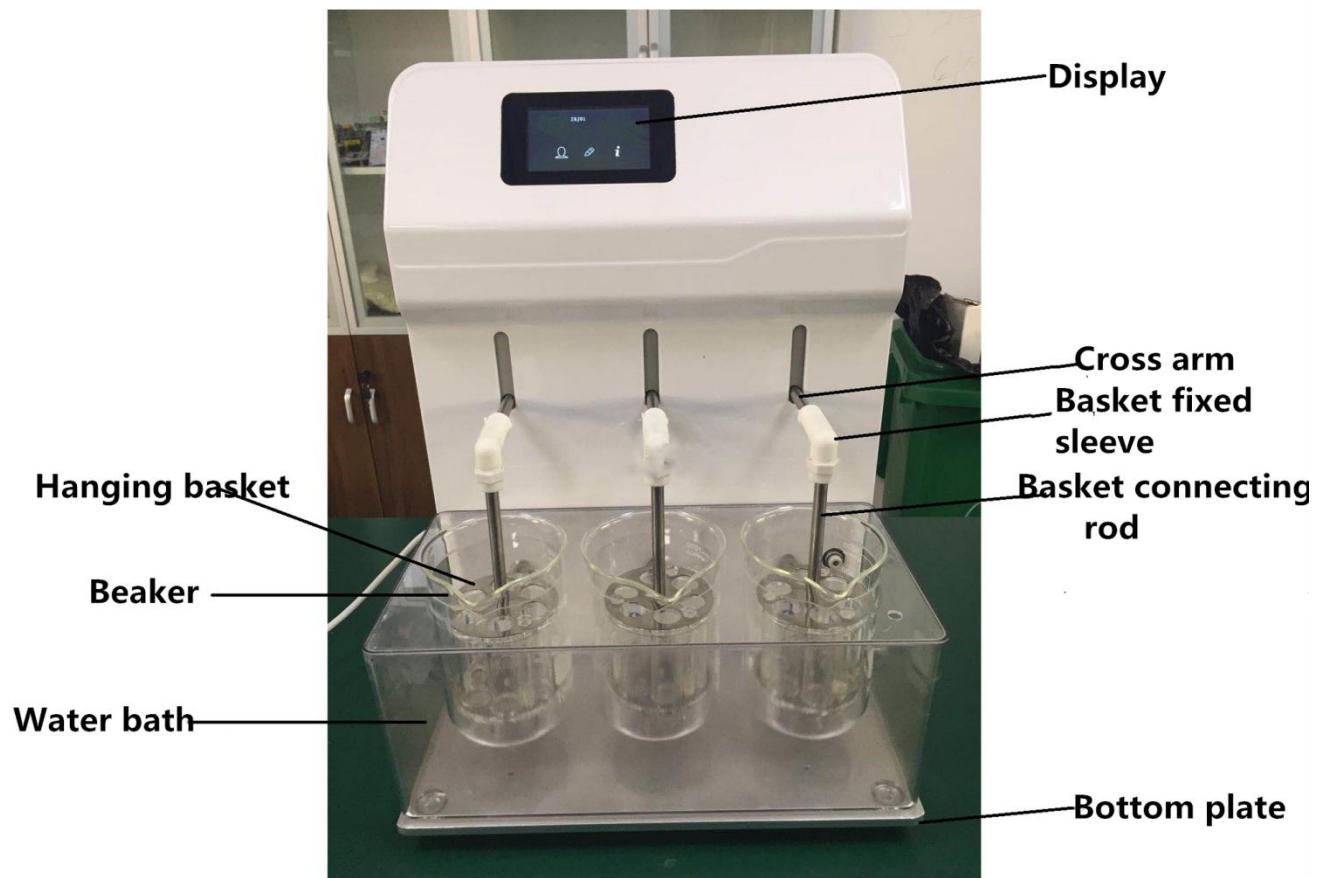
一. Instrument overview

The disintegration tester is used for detecting the disintegration time limit of an oral solid preparation such as a tablet, a capsule, or a pill.

ZBJ01 intelligent disintegration tester is a fully automatic electromechanical integrated drug testing instrument developed according to the 2015 Chinese Pharmacopoeia regulations on disintegration time limit. It can realize the detection of disintegration time limit of 3 cups and 18 samples. The instrument adopts novel and unique Structure, reliable work, easy operation and excellent visual performance.

Feature

- Equipped with 3 hanging baskets that can be lifted at the same time
- Standard equipped with 2.0 mm diameter stainless steel screen and stoppers in Accordance with the Chinese Pharmacopoeia
- Capacitive touch screen with clear color, smooth operation and detailed display
- One-piece PC water bath, no cycle dead angle, high temperature resistance, easy to Clean
- Using matte astigmatism lighting system to facilitate observation of sample Disintegration
- The use of its own patented hanging basket card, which integrates positioning, height Adjustment and fastening, and can realize the quick disassembly and assembly of the Hanging basket.
- Adopt anti-dry and ultra-high temperature (55 °C) automatic power-off design to effectively prevent electric shock and leakage, safe and reliable
- Built-in imported high-precision temperature sensor for quick and accurate feedback of bath temperature
- Built-in rights management and audit trail system
- Optional 1mm, 0.71mm, 0.42mm aperture screen (sold separately)
- Optional RS232, RS485 digital communication interface (sold separately)



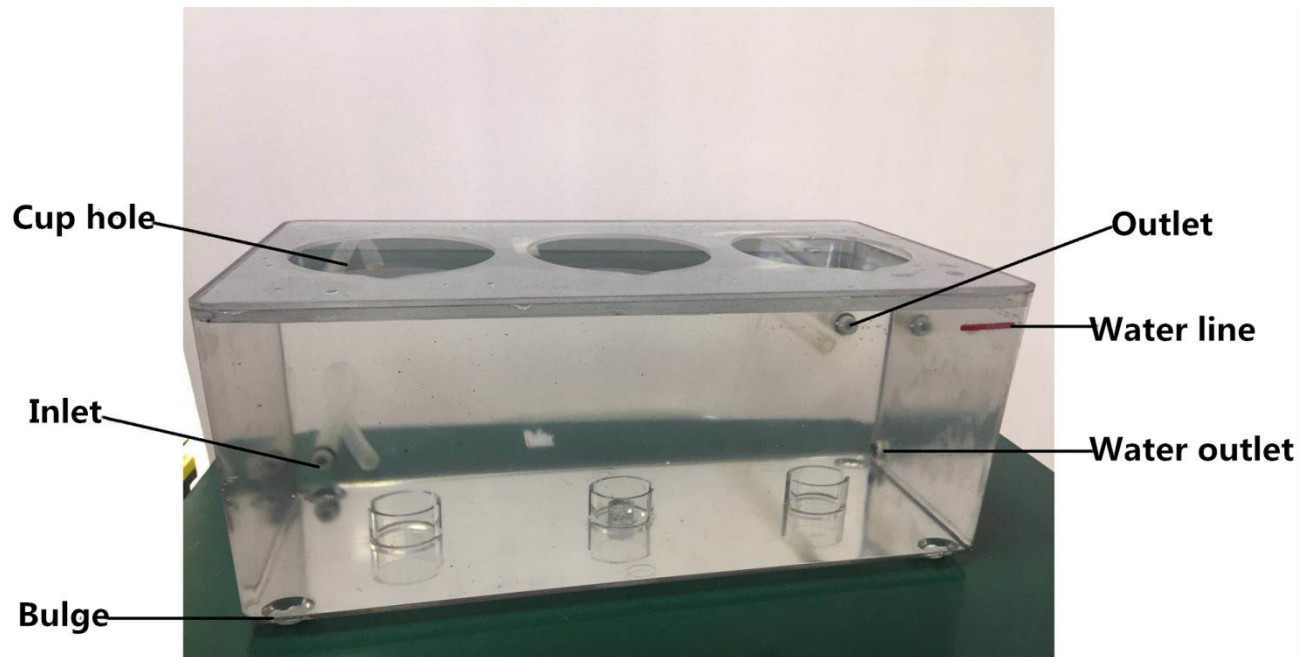
INSTRUMENT FRONT

二. Performance

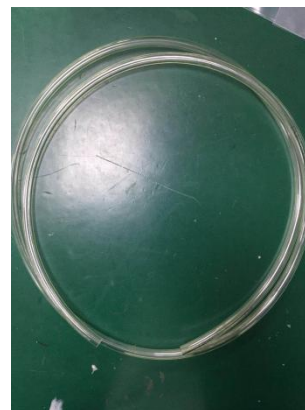
- Temperature range: room temperature -45 °C
- Temperature resolution: 0.01 °C
- Number of baskets: 3 cups
- Lifting frequency: 30-32 times/min
- Lifting distance: 55mm±1mm
- Screen bottom distance from the bottom of the cup: 25mm ± 2mm
- Stop density: 1.18-1.20g/cm³
- Number of users: 7 users
- User level: Level 3

- Record keeping: 96 x 366 days
- AC power supply: 220V 50 Hz
- Machine power: 1000W (with 10 A fuse)
- Lifting distance: 55mm±1mm

Installation process



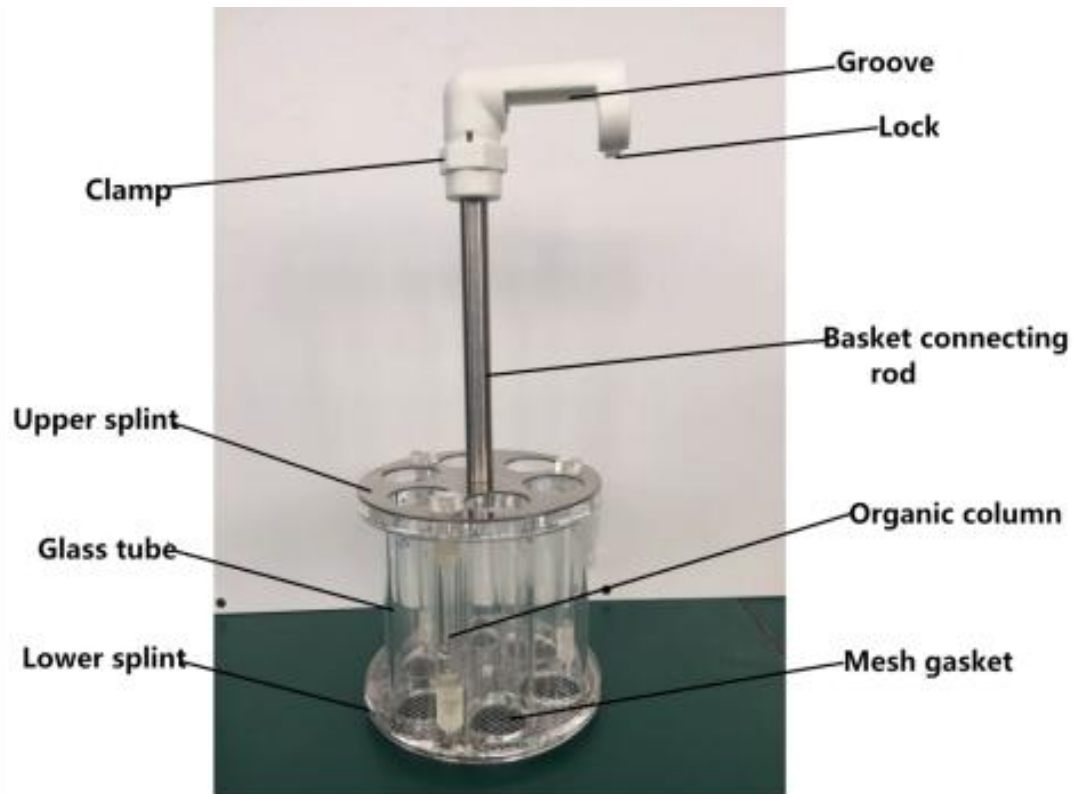
Bib cock



Outlet water hose

3. Assembling the basket

The hanging basket consists of a hanging basket card, a hanging basket connecting rod and a hanging basket body. The hanging basket connecting rod is screwed into the top of the hanging basket body. When the instrument is shipped from the factory, the hanging basket card and the hanging basket connecting rod are assembled, and the sieve aperture is assembled. It comes standard with 2.0 mm and is also equipped with a stop.



Stoppers

3. Hanging basket height

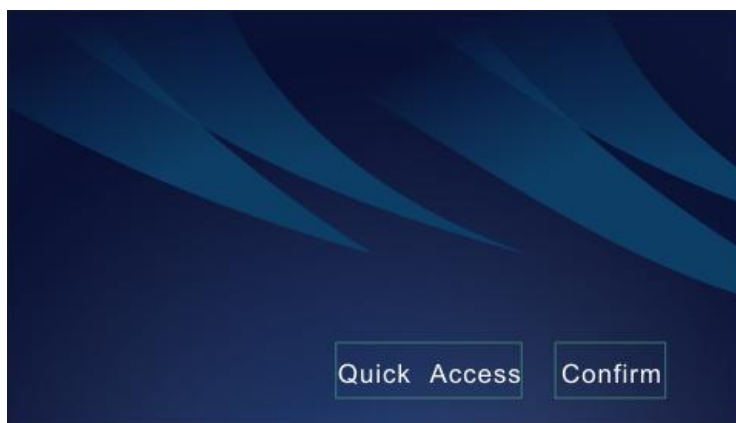
- When the user first uses the instrument, he needs to set the height of the hanging basket. Since the instrument adopts the hanging basket card with its own patent technology, after the basket is first set high, when the instrument is used again, the basket does not need to be set again, such as If the environment changes, you need to re-set the basket.

- Turn on the power and turn on the instrument switch. Note: The AC power supply should be protected and grounded. The instrument can be reliably grounded through a three-wire socket to ensure safety.
- Enter the system as an administrator. On the “Instrument Settings” interface, click “Bottom Position” and the basket arm will be lowered to the lowest position.
- Place the basket positioner in the beaker with the cylinder position of the basket positioner facing up. the highest position, and then take out the basket and the basket positioner.
- Turn off the power switch and the instrument is installed.

1. Method use

Power on self test

2. Turn on the instrument power switch and the instrument performs a self-test. After the self-test is completed, press the “OK” button, the instrument enters the 2 welcome interface; press “Quick Access”, the instrument enters the 4 running interface.



1. Working interface

The running interface can start/stop the experimental device (the basket automatically returns to the highest position when paused), set the temperature, experiment time, control heating, lighting and other option



2. User management

When using the instrument for the first time, the user should log in with the administrator account name: admin and password blank. After logging in, enable or disable the normal account and guest account, and set and enter the user name and password of the administrator account and the normal account.

3. Device Setting

The instrument setting interface can enable or disable the shortcut mode and use several rounds.

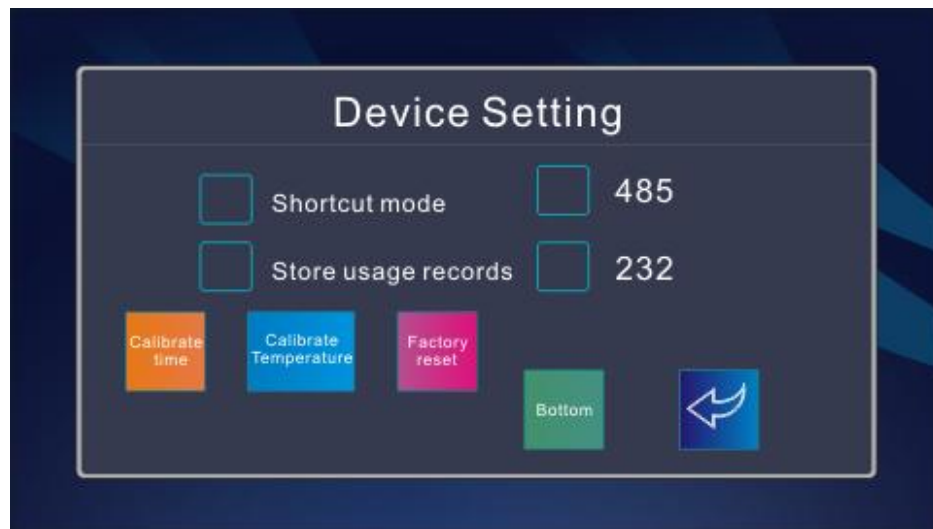
Time correction: The date displayed on the instrument can be corrected.

Temperature correction: You can enter the standard thermometer temperature to correct the measured temperature.

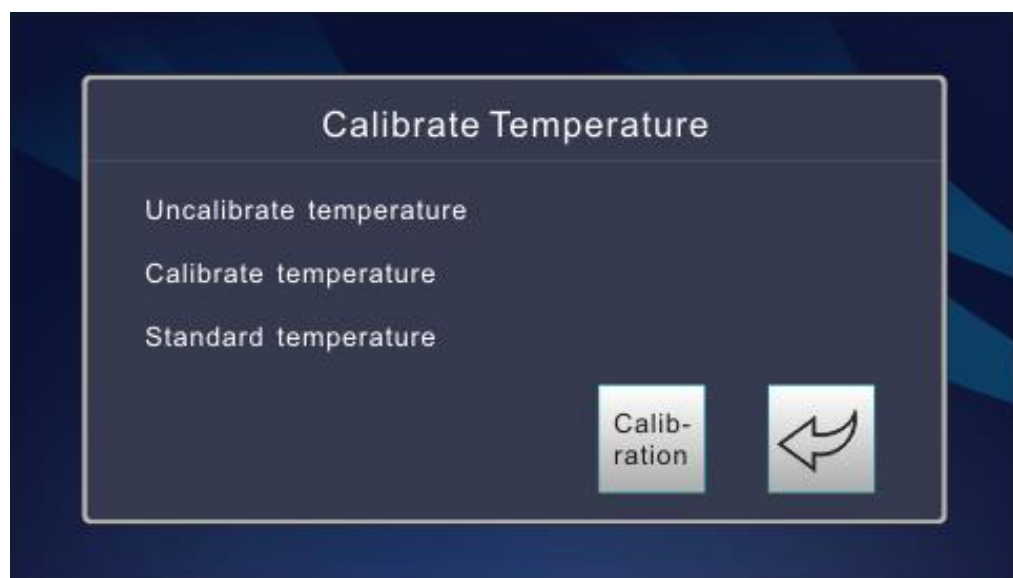
Factory reset: The state of the instrument at the factory can be restored.

Bottom position: Click this button to lower the cross arm of the basket to the lowest position for the height of the

3. Device Setting



Calibrate Temperature



2. Used record

Press the “Used Record” button in the 2 welcome interface, and the instrument enters the usage record interface. You can check the usage of the instrument according to the date and save up to 96 records per day.



3. Instrument information

In the welcome interface, press the “Instrument Information” button, where the instrument name, instrument model, instrument serial number, production date, software version, hardware version, service hotline, official website and other information are displayed. Press the screen to exit the interface and return to the 2 welcome screen.



一、Maintenance&Notice

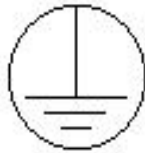
- Care should be taken to keep the water level in the water bath in the red line. Never turn on and heat in the absence of water!
- Do not use organic solvents to clean the instrument case.
- If the instrument is running abnormally, if it is found to be abnormal, it should be shut down

immediately and the power should be turned off.

- After the power switch is turned on, if there is no digital display in the display window and the water in the water bath does not flow, the fuse under the power socket on the rear panel of the control box may be burned out. At this point, you should first unplug the power cord, pull open the fuse tube drawer, and then replace it with a new fuse.

- If the user cannot solve the problem, please contact the company by phone, fax, E-mail or letter.

In order to facilitate possible repairs, please keep the package and related packaging materials.



Note: The company reserves the right to make technical and safety improvements to online products at any time. This will happen without notice.

Therefore, the instrument or accessory provided to the user may be slightly different from some of the descriptions in this manual, and the agreement of the physical delivery or the order contract shall prevail.

The instrument power supply must have a protective ground wire and good grounding to ensure the operator's personal safety.

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