

## RC-6 Dissolution Tester



### Instructions:

RC-6 Dissolution Tester is an instruments are used for detecting velocity and extent of pharmacy dissolution from tablet, capsule etc in prescriptive menstruum. Applicable standards - Corporation standard ( Dissolution Tester) Q/12XQ0187-2004 . It has six vessels and six poles arranged on one line. The had part of the instrument can be artificially turned over smoothly and flexibly. The basket unis and paddle units are made of imported stainless steel ( SUS316L). The magnetism-pumped circular water current can heat the system evenly, and the bath liquid can achieve an equal temperature. AMPU is used in dissolution tester to automatically control the temperature, rotational speed and time, and parameters can be preset at any time. It can be operated conveniently by keystroke. The measurement result is displayed by LED. The preset and real data can be displayed alternately in time. Automation: auto-test, auto-diagnose, auto-alarm. It can test by self and alarm automatically. The dissolution parameters are stored in and can be taken out at anytime. Time can be preset at many points. The beeper sounds automatically to any point, and then the tester automatically runs to the next one.

### Technical Parameters:

Model	RC-6
Speed Range	20-200 rpm
Speed Accuracy	±2 rpm
Temperature Range	Ambient to + 45°C
Temperature Stability	±0.3°C
Preset Timing With Nine Points	1-999 min



Time Accuracy	±0.5 min
Paddle Radial Run-out	±0.5 min
Basket Radial Run-out	±1.0 min
Power	220V/50Hz/1.2Kw OR 110V/60Hz/1.2Kw
Packing Size	1220×490×590 mm
Packing Weight	60 Kg

### Refill cycle liquid

Clean up

the bath box and pour into the cycle liquid until it come to the calibration.

### Cycle liquid

Gas inside the bath circulation system must be emptied before normally using the instrument, to ensure the effective circulation of the bath liquid.

Put the aspirator into the water inlet of the bath. Turn on power, the power indicator light and pump run. Empty the gas of the system until the liquid pump smoothly.

**It is strictly prohibited to revolve the pump in empty conditions.**

### Empty cycle liquid

Empty the water with aspirator and pipe. Clean up the bath box.

### Change cycle liquid

Change cycle liquid can be completed by repetitively operate the empty, fill and cycle procedures.

#### Unit conjunctive

- Paddle conjunctive

The drive head is turn up. Put the paddle in the hole of axle, up it on top, set close unit in head of paddle and close. The drive head is turn down.

- Basket conjunctive

The drive head is turn up. Put the basket shaft in the hole of axle, up it on top, set close unit in head of basket shaft and close. The drive head is turn down.

Put the specimen in the basket. Set it up underneath of basket shaft.

- Put vessels in hold of bath box and press it with the button.

#### Offset adjustment

Adjust the depth of the rotating lever

The interval between the underneath of blade and the bottom of the vessel is measured with the depth gage. Adjust the suit of the close unit on the rotating lever, make the range interval with 25 mm.