

# RC-8DS DISSOLUTION TESTER

- RC series of instruments are used for detecting velocity and extent of pharomic dissolution from tablet, capsule etc in prescriptive menstruum.

## Applicable standards

- National standard (Chinese codex) /2020
- Industry Standard (Dissolution tester)

## Features

- It has eight vessels and eight poles, with four vessels and four poles in front and other at back.
- The head moves up/down automatically.
- The basket units 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.
- A MPU is used in dissolution tester to automatically control the temperature, rotational speed and time, and the 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 of Chinese codex 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.



## Specifications

- |                             |                                    |                         |               |
|-----------------------------|------------------------------------|-------------------------|---------------|
| ● Speed range               | (20~200) rpm                       | ● Speed accuracy        | ±2 rpm        |
| ● Temperature range         | ambient to +45.0 °C                | ● Temperature Stability | ±0.3 °C       |
| ● Preset timing nine points | (1~999) min                        | ● Time accuracy         | ±0.3 %        |
| ● Paddle radial run-out     | ±0.5 mm                            | ● Basket radial run-out | ±1.0 mm       |
| ● Power                     | 220V/50Hz/1200W or 110V/60Hz/1200W | ● Dimension             | (68×54×48) cm |