

# PJ-3 TABLET FOUR-USAGE TESTER

- It has four functions: detecting pharmlc dissolution, disintegration, friability/abrasion and hardness of tablet.

## Applicable standards

- National standard (Chinese codex) /2020
- Industry Standard (Dissolution tester)
- Industry Standard (Disintegration tester)
- Industry Standard (Tablet friability tester)
- Corporate standard (Tablet hardness tester)

## Features

- Intellectualized,auto-control, auto-test, auto-diagnose, auto-alarm.
- The circular water current pumped by magnetism pump can heat the system equally, and the bath liquid can achieve an even temperature.
- Temperature is high accurately auto-controlled.
- Auto stop at timing point.
- Parameters can be preset at any time, the preset and real data are displayed alternately in time.
- It has three vessels and three poles arranged on one line. The head part of the instrument can be artificially turned over smoothly and flexibly.
- Two disintegrations run synchronously. Auto stop at timing point.
- High accuracy is achieved in testing rotary speed and counting friability.
- The hardness has high accuracy press sensor and hardness data is displayed in Newton.
- It tests tablet hardness continuously. The tablet is loaded and pressed artificially.
- Auto-display, auto-memorize, auto-reset, auto-retest.



## Specifications

- |   |                       |                         |                                  |
|---|-----------------------|-------------------------|----------------------------------|
| ●Stations of dissolution                        | 3                     | ●Cylinder number        | 1                                |
| ●Temperature range                              | (20~45) °C ± 0.3 °C   | ●Drum's size            | radius:Φ286mm depth: 39mm        |
| ●Speed range                                    | (20~200 )rpm ± 2 rpm  | ●Tablet fall height     | 156 mm                           |
| ●Automatic time range                           | (1~900) min ± 0.5 min | ●Rotation speed         | 25 rpm ± 1 rpm                   |
| ●Paddle radial run-out                          | ± 0.5 mm              | ●Rotation count         | 100 r ± 1 r                      |
| ●Basket radial run-out                          | ± 1.0 mm              | ●Hardness range         | (2~200) N                        |
| ●basket assemblies                              | 2                     | ●Probe procession range | (3~20) mm                        |
| ●Nacelle back and forth frequency (30~32) / min |                       | ●Dimension              | (59×30×48) cm                    |
| ●Nacelle back and forth range                   | (55±2) mm             | ●Power                  | 220V/50Hz/600W or 110V/60Hz/600W |