

# PJ-3 TABLET FOUR-USAGE TESTER

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

### Applicable standards:

National standard( Chinese codex ) /2015

Corporate standard (Dissolution tester) Q/12XQ0187-2010

Corporate standard (Disintegration tester) Q/12XQ0188-2010

Corporate standard (Tablet friability tester) Q/12XQ0189-2010

Corporate standard (Tablet hardness tester ) Q/12XQ0186-2010

### 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:

Temperature range: (ambient to  $+39.9^{\circ}\text{C}$ ) $\pm 0.3^{\circ}\text{C}$

Speed range: (20~200)rpm $\pm 2$ rpm

Automatic time range: (1~900)min $\pm 0.3\%$

Stations of dissolution: 3

Paddle radial run-out:  $\pm 0.5$ mm

Basket radial run-out:  $\pm 1.0$ mm

basket assemblies: 2

Nacelle back and forth frequency: (30~32) / min

Nacelle back and forth range: (55 $\pm 2$ )mm

Drum: 1

Drum's size radius:  $\Phi 286$ mm depth: 39mm

Hardness range: (2~200)N

Probe procession range: (3~20)mm

Power: 220V/ 50Hz/ 600W or 110V/ 60Hz/ 600W

Dimension: (590 $\times$ 300 $\times$ 480)mm<sup>3</sup>