



DDA-300 Drug dissolution apparatus

| Pharmaceutical industry

☰ Details Info

8 Smart dissolution tester uses an advanced technology and components developed by the utility model drug dissolution tester, quality performance in line with the national pharmacopoeia 2010 version of the standard.

The main features

- can be installed eight blue rod or pulp pole.
- dissolution can be installed eight cups.
- sampling needle with automatic lifting function
- host operating parameters can be preset and automatic storage, the next boot without duplication.
- speed control subdivision way power driver stepper motor, speed and accurate, smooth operation, low energy consumption.
- water bath with built PT1000 sensors, software use PID mode, warming fast, high precision, can be easily corrected with a software error.
- timing function displays the current sampling point in time, the cumulative total time of sampling points.
- has a self-test function and automatic protection function, given a variety of fault signal.
- has a temperature preheat timing advance, operating system software recovery.
- has printing and USB storage function, the experimental data retention for viewing.

Technical indicators

Stirrer Paddle swings	$\leq 0.5\text{mm}$
Turn blue swings	$1\leq\text{mm}$
Speed range	25-250 rev / min
Speed resolution	1 rev / min
Steady speed error	$\leq \pm 1\%$
Temperature range	(room) -45 °C
Temperature Resolution	0.1 °C
Heating power	1000W
Temperature error	$\leq \pm 0.1\text{ °C}$
Timing cumulative time	up to 5999 minutes, the countdown
Sampling cycle time	Up to 10 different sampling period, the countdown
Sampling period of time	up to 5999 minutes, the countdown
Power	AC220V $\pm 10\%$, 50Hz, 1000W
Working conditions	temperature 0-40 °C, relative humidity $\leq 80\%$ HR



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