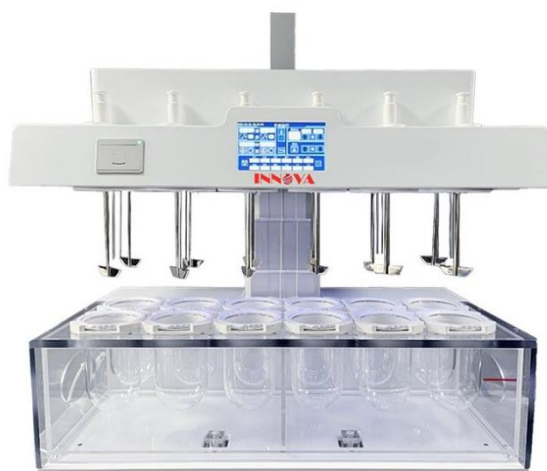


## DT-12 Dissolution tester



### Product introduction:

DT-12 dissolution test instrument is a high-performance 12-cup 12-bar dissolution test device designed and manufactured strictly in accordance with the provisions of Chinese Pharmacopoeia and American Pharmacopoeia. It has high intelligence, advanced structure, accurate control and good reliability. PC cup board and water bath box integrated design, beautiful appearance, easy to observe the test process from multiple angles. High temperature resistance, corrosion resistance, extended service life.

### Performance:

Device number: 12 cups 12 rods (isothermal refill cups can be added).

Speed zone: (6+6) 2 working areas, 2 batches of dissolution test can be completed at the same time.

Mode of administration: Simultaneous dosing and sequential dosing are two ways.

The intelligent sampling frame can automatically rise and fall according to the volume of the solvent, and has functions such as real-time temperature monitoring in the cup.

Applicable method: "Chinese Pharmacopoeia" first method (basket method), second method (paddle method), third method (small cup method), fourth method (paddle dish method), fifth method (rotating cylinder method).

Mixing paddle and rotating basket specifications comply with pharmacopoeia regulations.

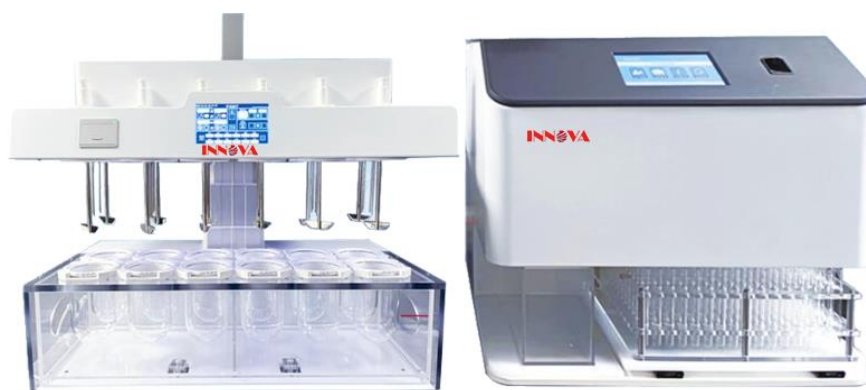
Safety performance: In line with national industry standards, with self-test and automatic protection functions.

## Technical parameters:

Model	DT-12
Stirring paddle swing amplitude	≤0.3mm
Stirring rate	25-250rpm. ( Mixing speed is optional up to 300rpm)
Stirring direction	Clockwise, counterclockwise
Stirring rate resolution	0.01RPM
Speed error	≤0.5%
Swing of the basket	≤0.5mm
Deviation between rotating rod and dissolving cup shaft	≤1mm
Water bath temperature	RT -45°C (The heating temperature is optional up to 55°C)
Temperature resolution	0.01°C
Temperature control accuracy of water bath	0.2°C
Temperature control accuracy of dissolving medium	0.2°C
Dosing mode	Simultaneous dosing
Lifting system	Bamboo square column lifting
Authority management	Three levels, seven users
Audit trail	128 items×366 days
Operating noise	< 60db
Environmental temperature	RT+5-37°C
relative humidity	≤80%
Power source	220V, 50Hz

\* Additional optional items need to be purchased separately.

## SDT-12 Stripping sampler



### Product introduction:

SDT-12 sampler is used to connect dissolution instruments produced to form dissolution sampling system. The whole system adopts 26ML high-precision injection pump as the sampling power, the sampling speed is fast and the precision is high. The whole system has the function of initial filtrate and distribution, which can realize initial filtrate waste and continuous filtrate distribution retention sample. High precision injection pump to achieve high precision automatic filtration, sampling and rehydration. Has a number of patented technology, advanced structure, accurate control, high degree of intelligence.

### Technical parameters:

Model	SDT-12
Sampling channel	12
Sampling frequency	16 times per batch
Sampling accuracy	RSD<0.5%
Sampling interval	1 minute to 999 hours and 59 minutes
The amount of a single sample	1ml~15ml
Sample consistency	RSD between channels ≤1%
Sampling repeatability	RSD≤0.5%
Test tube collection	15ml
Rehydration function	Equal volume rehydration
Initial filtration volume	0ml~10ml
In-line filter	0.45um, 0.8um Luer connector filter
Communication interface	RS232、RS485、network
Authority management	Three levels, seven users
Audit trail	128 items x366 days
Login mode	User name + password, fingerprint
Print	Online printing