



Probador de disolución 20~200 rpm

Código: B2-01-012181

Marca: Belltronic

[Ver producto en Cotecno](#) | [Solicitar cotización](#)

[Detalle](#) | [Especificaciones](#) | [Aplicaciones](#)

Detalle

The dissolution tester is widely used in pharmaceutical production to evaluate the rate and extent of drug release(dissolution) for tablets, capsules, and granules, as stipulated by the Chinese Pharmacopoeia. Accurate measurement of dissolution is critical for quality control, making the calibration and technical performance optimization of dissolution testers highly significant.

Features

- 1. Dual-function electric lifting and tilting of the test head.
- 2. Intuitive human-machine interface for simplified operation.
- 3. Pre-settable parameters with automatic storage, no reset required upon restart.
- 4. High-precision rotation control with stable operation and low energy consumption.
- 5. Integrated sensors and optimized software/hardware control ensure rapid heating, high accuracy, and easy temperature calibration.
- 6. Independent timer control for flexible start, pause, and reset functions.
- 7. Self-diagnostic alarms and overheat protection.

Especificaciones técnicas

Especificación	20~200rpm
Canastillas	3 uds
Rango de velocidad	20~200rpm
Precisión de velocidad	±2rpm
Rango de temperatura	RT~45.0°C
Precisión de temperatura	±0.3°C
Rango de tiempo	1~999min
Precisión de tiempo	±0.5min
Tiempo de trabajo	>24h
Amplitud de oscilación de la paleta	≤0.3mm
Amplitud de oscilación de la canastilla	≤0.8mm
Consumo de potencia	600W
Alimentación eléctrica	AC220V, 50/60Hz(Estándar); AC110V, 60Hz(Opcional, transformador externo)
Dimensiones externas (An*Pr*Al) mm	540*380*550
Dimensiones del embalaje (An*Pr*Al) mm	590*450*600

Especificación	20~200rpm
Peso neto (kg)	56
Peso bruto (kg)	62

Aplicaciones

1. Confirm your dissolution method

Compare the stirring speed your method requires with the speed range and precision of the instrument.

- **Speed Range:** 20~200rpm
- **Speed Precision:** ± 2 rpm

Check that the test temperature and duration fall within the ranges of the instrument.

- **Temp. Range:** RT~45.0°C
- **Temp. Precision:** ± 0.3 °C
- **Timing Range:** 1~999min

2. Review the working capacity

Consider how many samples you test in parallel against the number of baskets of the instrument.

- **Basket:** 3pcs

3. Plan the installation

Confirm the available power supply and the bench space for the instrument.

- **Power Supply:** AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional, external transformer)
- **External Size(W*D*H)mm:** 540*380*550

Siguiente paso: [ver producto en Cotecno](#) | [solicitar cotización](#)