

YKRC807 Dissolution Tester



YKRC807 dissolution test instrument is a high-performance 8-cup 8-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.

Technical parameter:

- Device number: Eight cups, eight poles.
- Application method: The first method (basket method), the second method (paddle method), the third method (small cup method), the fourth method (paddle dish method) and the fifth method (rotating cylinder method) of the Chinese Pharmacopoeia.
- Mixing paddle and rotating basket specifications comply with pharmacopoeia regulations.
- Stirring paddle swing amplitude: $\leq 0.3\text{mm}$
- Stirring rate: 25RPM-250RPM.
- Stirring direction: Clockwise, counterclockwise.



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- Stirring rate resolution: 0.01RPM.
- Swing of the basket: $\leq 0.5\text{mm}$
- Speed error: $\leq 0.5\%$.
- Deviation between rotating rod and dissolving cup shaft: $\leq 1\text{mm}$
- Water bath temperature: Room temperature -45°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: sequential dosing, synchronous dosing.
- Lifting system: Bamboo square column lifting.
- Authority management: Three levels, seven users.
- Audit trail: 128 items x366 days.
- Operating noise: $< 60\text{db}$
- Environmental condition: Ambient temperature 5-37 °C, relative humidity $\leq 80\%$.
- Safety performance: In line with national industry standards, with self-test and automatic protection functions.
- Power source: 220V, 50Hz