

> RT510

Automated Media Preparation Systems



To Reduce The Potential Hazards On Dissolution



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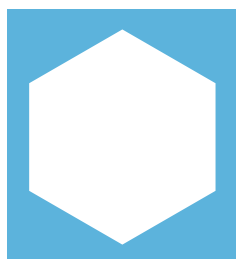
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Potential influences on dissolution experiments

As an important part of drug development, dissolution analysis needs to have good stability. In the dissolution test, OOS will occur from time to time. The main causes are related to the gas content of the medium and the distribution of the medium. So it is necessary to preprocess the solvent to ensure the smooth dissolution test. RT510 (automated media preparation systems) provides the flexibility to meet the requirements for the media. It combines automatic degassing and solvent dispensing to meet a variety of laboratory needs.



The Degassing Device Can Benefit The Experimenter

During your pharmaceutical experiments, pretreating media ensures that your products meet the appropriate release standards. Due to the considerable amount of work involved in dissolution experiments, you should use a simple and easy-to-use platform to easily automate media preparation, which can significantly save time for the experimenter.

Simplicity

Simple and fast UI. Only 2 steps to start dispensing the media.



Intelligent Setting

The system can automatically provide the last media preparation and distribution scheme.



Flexible Switching

Manual and automatic control modes are reserved, and customers can choose the control mode freely to meet various needs.



No Worries About Surfactants

Can handle media containing 2% surfactant. This can minimize foaming problems in other medium preparation system.



Go With Your Wish

Compact design “

RT510 is in small and delicate size, which can be used with a trolley to easily distribute solvents between different dissolution machines.



“ Remote dispensing nozzles

You can easily prepare 1000ml of media with one click.



The RT510 is compatible with most dissolution apparatus on the market, which can provide convenience for your experiments and save other additional costs. Only one can meet most degassing needs.



Technical Parameter

Range of assigned volume	100~1000mL
Precision of assigned volume	$\leq 1\%$
Degassing rate	$\geq 900\text{mL/min}$
Heating range	Ambient temperature $\sim 50^{\circ}\text{C}$
The precision of temperature control	$\leq \pm 1^{\circ}\text{C}$
Degassing capacity	After degassing, the oxygen content is $\leq 3\text{ppm}$
Online filter	With 25mm
Volume correction	Equipped
Process samples containing surfactants	$\leq 2\%$ SDS



The information, instructions, and technical parameters in this article are subject to change without prior notice.



Choose Raytor and calmly face the challenges of dissolution testing

Service and Support:

Reduce the potential hazards in dissolution process

We will arrange our experienced engineers to provide you services like instrument installation, software and hardware trainings, and complete qualification services.

We can assist you in the following aspects:

- Instrument repair and maintenance
- Application experiment solution
- Training services



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