

DW-RTD-2010 Thermostatic Degasser

Description

Thermostatic degasser is a new generation of vacuum membrane degassing device developed and produced to meet the demand for short time, large quantity and continuous degassing treatment. it can effectively degas all kinds of solvent media to ensure the accuracy of down-stream experimental results.

Features

- **Standards Compliance**

Conforms to the standards of Chinese pharmacopoeia for the preparation of dissolution media.

- **Logging Function**

Logging with audit trail.

- **Efficiently**

Heating, vacuum and circulation in one.

- **Human-Computer Interaction**

Colour touch screen, clear parameters, easy to operate.

- **Hydraulic Inspection**

Equipped with hydraulic pressure detection, automatic switching between self-priming type and external pressure type can be realized



- **High precision**

Automatically complete the quantitative liquid inlet, preheating, degassing and quantitative liquid discharge, single liquid discharge accuracy up to $\pm 1\%$.

- **Wide range of application**

It can directly handle solvents, pure water, distilled water, etc., which are commonly used in dissolution experiments, and is more efficient and widely applicable than the traditional method

Specifications

Model	DW-RTD-2010	
Performance Parameters	Heating range	room temperature ~ 45°C
	Temperature unit	0.1°C
	Temperature control accuracy	$\pm 2^\circ\text{C}$
	Volume unit	0.1mL
	Dispensing precision	$\leq \pm 1^\circ\text{C}@1000\text{ml}$
	Degassing rate	1000ml/min
	Vacuum unit	0.1Kpa
	Vacuum degree	$\leq 0.01\text{MPa}$
	Logging function with audit trail	
Input power		220vac $\pm 10\%$ 1700W
Size		530x300x560mm
Weight		23kg
EMC		IEC6100-4-2, IEC6100-4-4, IEC6100-4-5, IEC6100-4-11
Operating Temperature		(5~40) °C
Storage Temperature		(-20~60) °C
Operating Humidity		(20~80)% RH
Storage Humidity		(5~95) % RH