

DW-RTD-3000 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 downstream experimental results.

Features

- **Logging Function**

Logging with audit trail.

- **Efficiently**

Heating, vacuum and circulation in one.

- **Human-Computer Interaction**

Colour touch screen, clear parameters, easy to operate.

- **Higher Degassing Efficiently**

1500ml/min.

- **Hydraulic Inspection**

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

- **Impurity Filtration**

Internal self-filtering device.

- **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

- **Temperature Range**

Maximum single temperature increase of 30°C .

- **Higher Temperature control precision**

Adopting the unique two-stage heating temperature control system, the temperature control accuracy can reach $\pm 0.5^{\circ}\text{C}$.



Specifications

Model	DW-RTD-3000	
Performance Parameters	Heating range	RT ~ 45°C
	Temperature unit	0.1°C
	Temperature control accuracy	$\pm 0.5^{\circ}\text{C}$ up
	volume unit	0.1mL
	Dispensing precision	$\leq \pm 1^{\circ}\text{C}@1000\text{ML}$
	Degassing rate	1500ml/min up
	vacuum unit	0.1Kpa
	vacuum degree	$\leq 0.01\text{MPa}$
	Logging function with audit trail	
Input power		220vac $\pm 10\%$ 16A 50/60Hz 3600W up
Size		590*370*580mm
Weight		33kg
EMC		IEC6100-4-2, IEC6100-4-4, IEC6100-4-5, IEC6100-4-11
Operating Temperature		($5\sim 40$) $^{\circ}\text{C}$
Storage Temperature		($-20\sim 60$) $^{\circ}\text{C}$
Operating Humidity		(20~80)% RH
Storage Humidity		($5\sim 95$) % RH