

Low-Temp Circulator



Product Introduction

DX series low-temperature circulator, or low-temperature bath, can carry out low-temperature constant temperature test in the open cold bath in the machine, or circulate the low-temperature liquid externally to cool or constant temperature other equipment. DX series adopts non start stop refrigeration technology, combined with PID fuzzy control, for fast refrigeration and precise temperature control.

Low temperature circulators are widely used in low temperature experiments, and can be equipped with rotary evaporators, fermentation tanks, low temperature chemical experiments, biopharmaceuticals, reaction kettles, etc.

DX series offers a variety of customized products.

Product Features

- * Vertical design, small footprint, easy to operate.
- * Large tank opening, easy to carry out experiments in the tank.
- * Fully enclosed air cooled compressor refrigeration. With delay, overheat, overpower protection.

- * Can choose different low temperature set value, automatic precision constant temperature.
- * Dynamic temperature control system, small temperature fluctuation, uniform temperature in the tank.
- * Temperature display value and set value, double window dual-color display, clear and intuitive.
- * With software lock function, irrelevant personnel can not modify the control parameters.
- * Ultra quiet circulation pump, cooling other equipment requiring low temperature.
- * Stainless steel low temperature tank of various sizes, to meet a variety of low temperature applications.
- * Standard stainless steel interface, can be equipped with a variety of sizes of hoses, external closed circuit circulation optional alarm interface, optional RS485 communication, easy to connect.

Technical Parameters

Model	Temperature range(°C)	Temperature stability(°C)	Cooling capacity (W)	Bath Size(mm)	Filling volume(L)	Circulating pressure(bar)	Circulating flowrate (L/min)	Size of connection (Rc)	Dimension W×D×H (mm)
INO-DX-204	-20~30	±0.1	300	140×240×150	4	0.8	15	1/2"	230×500×500
INO-DX-208	-20~30	±0.1	600	φ250×200	8	0.8	15	3/8"	300×400×720
INO-DX-2015	-20~30	±0.1	1600	φ300×250	15	0.8	15	3/8"	365×405×880
INO-DX-2025	-20~30	±0.1	3000	φ350×260	25	0.8	15	3/8"	425×465×1125
INO-DX-406	-40~20	±0.1	300	φ200×200	6	0.3	10	3/8"	300×400×720
INO-DX-4010	-40~20	±0.1	600	φ250×250	10	0.3	10	3/8"	365×405×880

INO-DX-4015	-40~20	±0.1	1000	φ300×250	15	0.3	10	3/8"	425×465×1125
INO-DX-600	-20~30	±0.1	600	Φ250×200	8	2	0~28	1/2"	345×620×585
INO-DX-1000	-20~30	±0.1	1000	φ250×190	8	2	0~28	1/2"	345×620×585
INO-DX-2000	-20~30	±0.1	2000	φ300×210	14	2	0~28	1/2"	385×650×685
INO-DX-3000	-20~30	±0.1	3000	φ350×260	25	2	0~28	1/2"	430×750×750
INO-DX-5000	-20~30	±0.1	5000	φ350×260	25	2	0~28	3/4"	465×855×805

Applications

- * Precise temperature control, the application of supporting calorimeter, refractometer, density detector;
- * Use with viscosity measurement, very convenient;
- * Provide a constant temperature source for quality control, for food, beverage and electronic research applications;
- * In the field of biotechnology, it is applied to the constant temperature cooling of electrophoresis tank;
- * Precision constant temperature for small rotary evaporators;
- * Applied to medical and psychological rehabilitation.