CIRCULATOR WATER BATH/OIL BATH

This advanced FTCWB model series of bath circulator is openly recognized by our worldwide end-users as the most suitable & high-efficiency equipment for a large variety of laboratories that carry out industrial, pharmaceutical, clinical and biomedical experiments which need accuracy and uniformity with temperature control.

FTCWB, FTCOB

series models

FEATURE

The advanced digital PID controller provides excellent uniformity and accuracy.
With the high-powered circulation pump, it comes with enhanced temperature uniformity that enables this superior bath circulator to circulate water (liquid) internal and external part.
With the advanced monolithic construction of the solid bath which is made of stainless steel, it features solid durability as welll as elegant external appearance.
Excellent-performance digital PID controller features auto-tuning function to successfully enhance end-user's easy and quick control.
To protect overheating above setting temperature, excellent-performance over temperature limit function can be automatically operated for safety.
In case of sudden stoppage of power electricity that end-users do not perceive, end-users can select whether operation should be continued or not.
In case that its sensor perceive low water level while operating, audible alarm sounds and it automatically suspend every operation.
The easy-to-see control panel displays current temperature and set temperature simultaneously and this feature enables end-users to check current operational state and see whether any wrong operation happens or not.
Very ideal for industrial, pharmaceutical, clinical and biomedical experiments which need precision temperature control.
Very easy auto-tuning function features the most strong point to enhance end-users' convenience.
Spring wire rack is made of stainless steel of enhanced elasticity and with this wire rack, end-users can easily adjust its height to install every different-sized test container (optional).

GENERAL SPECIFICATIONS

Type	Forced convection type
Temp Range	Amb +5 °C to 98 °C (FTCOB type : 200 °C)
Temp Accuracy	±0.5 °C
Temp Controller	Digital PID controller
Temp Regulator	SSR controller
Thermocouple	PT-100 Ω
Timer	Range : 99 Hr 59 Min, Controller : Digital display
Internal Material	Stainless steel plate
Exterior Material	Steel plate with powder coating
Pump Capacity	8 Liters/Min
Safety Device	Over temperature limit, Over temp protector/Low water level
Supply Voltage & Frequency	AC 230 V, 50/60 Hz

INDIVIDUAL SPECIFICATIONS PER MODEL

MODELS	FTCWB-501 FTCOB-501	FTCWB-502 FTCOB-502
Capacity	11 Liters	22 Liters
Bath Dimension (W x D x H) (mm)	300 x 250 x 150	500 x 300 x 150
External Dimension (W x D x H) (mm)	330 x 270 x 400/ 350 x 300 x 400	540 x 330 x 400/ 550 x 350 x 400
Heater Capacity	1 KW/2 KW	2 KW/2.8 KW