

GENAXY®

Customer Satisfaction Through Business Ethics



PRECISION BATHS

GENAXY Circulating Water Baths

Science needs Precision

GENAXY PRECISION WATER BATHS

Unlike unstirred water baths, constant circulation systems deliver more uniform temperature control to improve temperature stability. unstirred or non-circulatory water baths tend to heat from the planes of the sides and from the bottom of the chamber, which let the fluid near the heating element be warmer than that in the center. Circulating baths provide continuous movement to the fluid, making sure there are no variations in the temperature and can maintain high uniformity. The result is functional and high-quality circulatory water baths that facilitate regular temperature applications in the laboratory and, their heavy-duty construction, and durable design, can withstand permanent performance without any problems.

- Designed for many general and special applications in microbiology, research and industrial laboratories to deliver the ideal combination of precision, versatility, and repeatability for your requirements.
- Best temperature control of fluid for uniform and unfluctuating temperatures.
- User friendly, programmable, reliable and accurate PID microprocessor control system which is an enhanced controller and temperature sensor ensure accurate and repeatable readings.
- Programmable with one knob, just turn and push.
- The circulating water baths are designed for years of use.
- Small footprint maximizes valuable bench space.

The stainless steel reservoir of these water baths is seamless with no welds to leak or rust and the rounded corners provide an additional benefit of easy cleaning of the interior to prevent contamination. The highly domed, hinged acrylic lid tilts out of the way while allowing a complete view of the sample and condensation to drain back in the chamber.

Features

- Highly visible independent displays for temperature & time.
- Safety thermostat to prevent running without water and visual alarms against over heating
- Seamless corrosion resistant stainless-steel tank for a longer life
- Decreased risk of contamination by the rounded corners, smooth & plane surfaces of the tank.
- Uniquely designed panel to protect the controller from unexpected & accidental water spillage during operation.
- Convenient drain for discharging the liquid in the tank quickly (not for smaller water bath)
- Footprint almost equal to the tank dimensions to save valuable bench space.



Additional features:

- Smaller footprint, compared to other models to free up valuable benchtop space .
- An advanced microprocessor controller is designed for extended functionality.
- Protect your work with audible alarms.
- Baths come with clear polycarbonate gable cover, diffuser tray and drain hose and optional SS gable cover .
- ISO & CE certified.

Technical Specifications:

Model	PRECISION-10	PRECISION-20
Temperature Range	Ambient +5 to 99.90 °C	Ambient +5 to 99.90 °C
Temperature Controller	PID type Digital temperature controller	PID type Digital temperature controller
Temperature Accuracy	+/-0.5 °C	+/-0.5 °C
Temperature Variation	0.5 °C	0.5 °C
Temperature Fluctuation	1 °C	1 °C
Tank Capacity	10L	20L
Useful Volume	9L	18L
Inside Dimensions (WxDXH)	270x240x150mm	500x295x150mm
Outside Dimensions:	400x325x290mm	550x335x260mm
Insulation	25mm Air Gap	25mm Air Gap
Weight Net/gross	9 kg	12kg
Power Consumptions (W)	1.5 kWt.	1.8 kWt
Timer	1min-999Min	1min-999Min
Heat-up Time	1C/ Per Minute	1°C/ Per Minute
Temperature Sensor	YES (PT 100)	YES (PT 100)
Heating capacity of heaters	1200 Wt.	1200 Wt.
Heater	Immersion heater	Immersion heater
Operating Voltage	230V, AC, 50 Hz.	230V, AC, 50 Hz.

Water Bath Accessories:

- Acrylic Lid (Standard)
- SS Lid gabled cover (Optional)

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