



PHD Series

LOW CONSTANT TEMPERATURE WATER BATH

Introduction

Low Constant Temperature Water Bath is a specialized laboratory tool used for maintaining a constant low temperature for samples. The bath has a refrigeration system with a built-in temperature control mechanism, allowing for precise temperature regulation. It is a reliable and efficient option for labs with sample incubation needs that require precise low-temperature control and regulation, with the added benefit of external circulation to maintain uniform temperature throughout the bath.

Features

- Powered by a fully enclosed compressor unit, TOP INSTRUMENT Low Temperature Constant Temperature Bath boasts rapid cooling, minimal noise, and seamless operation. Easily cool test containers outside the machine by introducing coolant externally, offering unmatched versatility for your experiments.
- Safety is paramount. That's why our bath comes equipped with an over-temperature alarm system, ensuring your peace of mind throughout operation. Simplify your workflow with intuitive soft-touch keys, allowing effortless temperature adjustments. Meanwhile, the sleek window LED digital display provides clear visibility of both current temperature measurements and set values, guaranteeing accuracy at a glance.
- With advanced microcomputer control, the PHD Series corrects temperature deviations with precision, boasting digital display accuracy up to 0.1°C/0.01°C. Plus, features like liquid level alarms and a dry burning prevention system elevate safety and reliability to new heights.
- Elevate your laboratory standards with our Low Temperature Constant Temperature Bath – where precision, versatility, and safety converge for optimal scientific outcomes.

Technical Parameter

Model	Temperature range	Temperature fluctuation/ resolution	Working chamber size	Tank depth	Pump flow rate	Opening size
PHD-0506	-5 ~ 100	± 0.05 °C / 0.01 °C	250*200*150mm	150mm	4L/min	135*135mm
PHD-0510			250*200*200mm	200mm	8L/min	135*135mm
PHD-0515			280*250*220mm	220mm	8L/min	235*160mm
PHD-0520			280*250*280mm	280mm	10L/min	235*160mm
PHD-0530			400*325*230mm	230mm	12L/min	310*280mm

(continued)

Model	Temperature range	Temperature fluctuation/ resolution	Working chamber size	Tank depth	Pump flow rate	Opening size
PHD-1006	-10 ~ 100	$\pm 0.05^{\circ}\text{C} / 0.01^{\circ}\text{C}$	250*200*150mm	150mm	4L/min	135*135mm
PHD-1010			250*200*200mm	200mm	8L/min	135*135mm
PHD-1015			280*250*220mm	220mm	8L/min	235*160mm
PHD-1020			280*250*280mm	280mm	10L/min	235*160mm
PHD-1030			400*325*230mm	230mm	12L/min	310*280mm
PHD-2006			-20 ~ 100	250*200*150mm	150mm	4L/min
PHD-2010	250*200*200mm			200mm	8L/min	135*135mm
PHD-2015	280*250*220mm			220mm	8L/min	235*160mm
PHD-2020	280*250*280mm			280mm	10L/min	235*160mm
PHD-2030	400*325*230mm			230mm	12L/min	310*280mm
PHD-3006	-30 ~ 100		250*200*150mm	150mm	4L/min	180*140mm
PHD-3010			250*200*200mm	200mm	8L/min	180*140mm
PHD-3015			280*250*220mm	220mm	8L/min	235*160mm
PHD-3020			280*250*280mm	280mm	10L/min	235*160mm
PHD-3030			400*325*230mm	230mm	12L/min	310*280mm

(continued)

Model	Temperature range	Temperature fluctuation/ resolution	Working chamber size	Tank depth	Pump flow rate	Opening size
PHD-4006	-40 ~ 100	$\pm 0.05^{\circ}\text{C} / 0.01^{\circ}\text{C}$	250*200*150mm	150mm	4L/min	180*140mm
PHD-4010			250*200*200mm	200mm	8L/min	180*140mm
PHD-4015			280*250*220mm	220mm	8L/min	235*160mm
PHD-4020			280*250*280mm	280mm	10L/min	235*160mm
PHD-4030			400*325*230mm	230mm	12L/min	310*280mm