

WEIBER

Circulatory Water Bath

Models:

- ABX-Series



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Circulatory Water Bath



We are manufacturers of circulatory water bath in India since 1990. Our high precision water baths are widely used for day to day bacteriological and varied laboratory applications requiring incubation as well as general tests and procedures in variety of research and testing laboratories. Apart from that, these high precision water baths have a variety of usages in tissue culture applications, enzyme reaction studies, growth observation studies, fermentation analysis and various other general and specialized applications in various laboratories.

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We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications.

Over a short period of time Weiber brand have been established as reliable exporters of High precision water bath in India, catering to the vast markets in South East Asia, Middle East, Africa and Europe.

ACMAS TECHNOCRACY PVT. LTD.

www.measuring-meters.com | www.acmasindia.com | www.scientificlaboratoryequipments.com

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Apart from that we are supplying our high precision water bath in India, catering to a variety of customers ranging from Defence Installations, Research Laboratories, Educational Institutes and various R&D laboratories of leading national and multinational companies.

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Salient Features

- Versatile usage
- Ergonomic Design
- Energy Efficient
- Long life
- Low Maintenance
- Calibration And Protocol Documentation

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Construction

Our circulatory water baths are double walled convection heated units. Outer body of our high precision water baths is constructed out of thick PCRC steel sheet, duly pre-treated with primers for rust proofing and painted with air drying paint/stove enamel/powder coating. The inside chamber of the unit is made of heavy gauge stainless steel sheet of grade ss-304. The unit is provided with top opening cover, made of stainless steel with steel concentric rings. The unit is provided with one stainless steel rack s.

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Heating

Indirect heating system is provided in our high precision circulatory water bath, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage.. The temperature is evenly distributed throughout the chamber through natural water convection mechanism, ensuring a very good temperature sensitivity.

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Stirring

The unit is fitted with a high efficiency stirrer motor of 1/20 HP, so as to maintain the uniform temperature of our high precision water bath.

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Features

- Three models according to bath volume (5L, 10L, 20L)
- Temperature range from ambient +5 c above to 100c
- PID microprocessor controller (touch pad type) achieves accurate temperature control
- Memory to store three temperature setting and single button to activate required set

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Temperature

- Electronic programmable timer for setting start and stop automatically,. (max. to 99hr 59min)
- Built in over temperature protection device alarms visual and audible and heating stops
- Built in high temperature limit in main controller does not allow temperature over setting parameter level
- Built in low liquid level protection alarms visually and audibly and heating stops.
- Temperature unit display readout: Celsius of Fahrenheit
- Lock function protects setting value from unintentional changes
- Drain valve to conveniently empty the bath
- Seamless stainless steel bath (no welds or rust) for easy cleaning and ergonomic appearance

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Power Requirements

To work on 220/230 volts A.C.

Temperature Control		
Temperature Sensitivity	± °C	0.2 or better
Spatial Deviation In Temperature	± °C	0.2 or better
Readability	°C	0.1
Temperature range	°C	5°C above ambient to 90°C (Standard)
Temperature Sensor		PT-100
Temperature Controller		PID
Display		LED/LCD
Adjustable alarm limits		Inbuilt
Safety thermostats		
Temperature variation Adjustments		3
Temperature Sensors		PT-100
Automatic temperature setting		Yes
Adjustable limits		Yes



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Accessories		
Timer (999 mins)		optional
Program (Real Time)		optional
Data Acquisition Program		optional
Serial Port (Printer)	RS232C	optional
Inspection window in door		optional
Shelves		
Standard		01
Standard capacity	ltrs	5/10/20 ltrs
Accessories		
Printer Report Program		optional
2 x 24 characters LCD Display		optional
Access Port 30 mm		optional
Power consumption		
Nominal power	W	850/1150/1800
Nominal voltage	V	220-230 Volts, 50 Hz Single Phase
Frequency	Hz	50/60 hz



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An ISO 9001:2208 | ISO 14001:2008 | ISO 13485
WHO:GMP Products | GLP Compliant Products

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