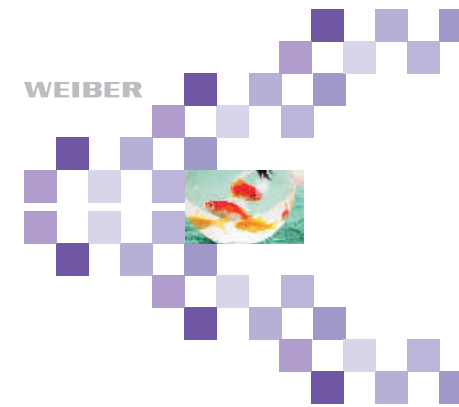


**WEIBER**



## **Double Walled Water Bath**

**Double Walled Water Bath**



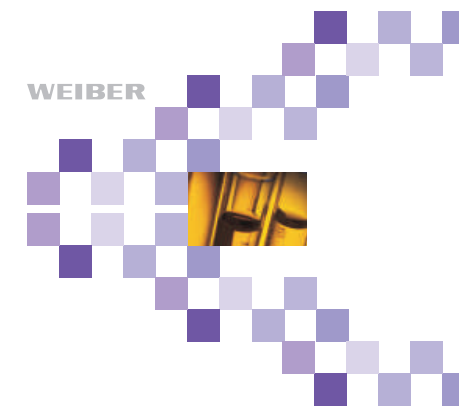
**Double Walled Water Bath**



**Introduction**

We are manufacturers of water bath in India since 1990. Our 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 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.

## Double Walled Water Bath



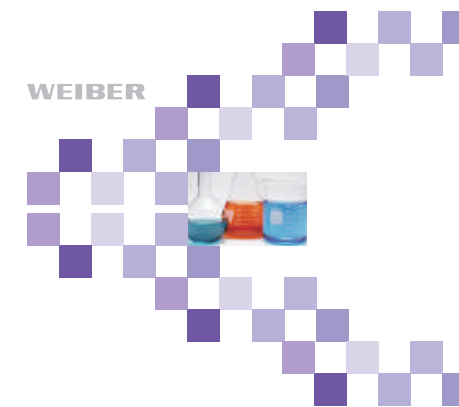
## Double Walled Water Bath

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 Water bath in India, catering to the vast markets in South East Asia, Middle East, Africa and Europe.



Apart from that we are supplying our 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.

## Double Walled Water Bath



## Double Walled Water Bath

### Salient Features

1. Versatile usage
2. Ergonomic Design
3. Energy Efficient
4. Long life
5. Low Maintenance
6. Calibration And Protocol Documentation



### Construction Details Water bath)

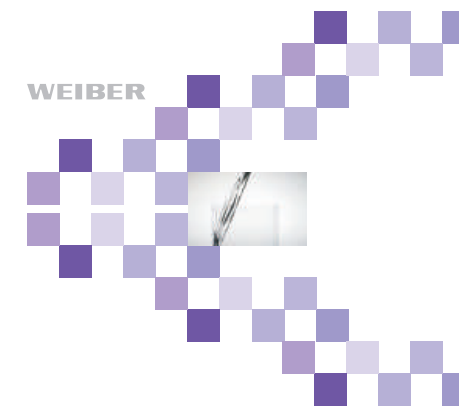
Our water baths are double walled convection heated units. Outer body of our water baths are constructed out of thick PCRC steel sheet, duly pre-treated with primers for rust proofing and painted with air drying paint/stove enamel/powder coating. The inside chamber of the unit is made of heavy gauge 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 to hold six/twelve flasks.

## Double Walled Water Bath



### Heating

Indirect heating system is provided in our 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 very good temperature sensitivity.

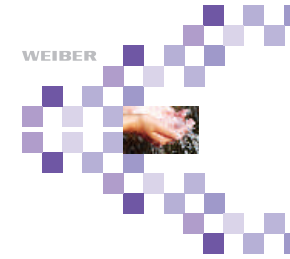


## Double Walled Water Bath

### Temperature Range

Temperature range of our standard water bath models are 50 c above ambient to 90o c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.

## Double Walled Water Bath



Technical Matrix for Water bath

### Temperature Sensitivity

Temperature inside our water bath is controlled with a sensitivity of  $\pm 0.5^\circ\text{C}$  or better. (With PID Controller) and  $\pm 1^\circ\text{C}$  with thermostats.

### Front Panel

Front panel of our water bath comprises of on/off switches heating and mains indicator lamps and temperature controller.

<b>Temperature Control</b>	
Temperature Sensitivity	$\pm 0.5^\circ\text{C}$ or better
Spatial Deviation In Temperature	$\pm 0.5^\circ\text{C}$ or better
Readability	$0.1^\circ\text{C}$
Temperature range	$5^\circ\text{C}$ above ambient to $90^\circ\text{C}$ (Standard)
Temperature Sensor	PT-100
Temperature Controller	Solid State digital Controller/PID optional
Display	LED/LCD
Adjustable alarm limits	Optional With PID controller only.
<b>Safety thermostats</b>	
Temperature variation Adjustments	3 (With PID Controllers only)
Temperature Sensors	PT-100
Automatic temperature setting	Yes (With PID Controllers only)
Adjustable limits	Yes (With PID Controllers only)
<b>Accessories</b>	
Timer (999 mins)	optional
Program (Real Time)	optional
Data Acquisition Program	optional
Serial Port (Printer)	RS232C optional
Inspection window in door	optional
<b>Shelves</b>	
Standard	01
Internal Dimensions	300mm x 250mm x 250mm
<b>Accessories</b>	
Printer Report Program	optional
2 x 24 characters LCD Display	optional
Access Port 30 mm	optional
<b>Power consumption</b>	
Nominal power	W 500 -650
Nominal voltage	V 220-230 Volts, 50 Hz Single Phase
Frequency	Hz 50

- Thermostat (temperature control)
- Microprocessor based PID Digital Temperature Controller Cum Indicator



We are having **Representatives in 55 Countries**

please visit our

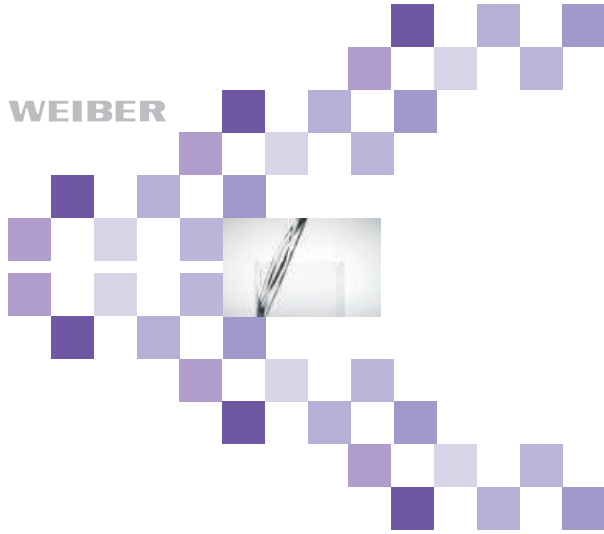
**International Dealers Section**

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## Double Walled Water Bath



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## ACMAS TECHNOCRACY PVT. LTD.

### SALES OFFICE (INDIA)

312-313, Vardhman Capital Mall, L.S.C. 10, GulabiBagh, Delhi-110052, INDIA

Tel: 0091-11-23646703, 23643054

(M) +91-9313971681 | Email: [india@acmasindia.com](mailto:india@acmasindia.com)

### SALES OFFICE (HONG KONG)

Unit D 28 11/f Wing Tat Comm, Bldg 97, Bonham Strand East, Sheung Wan, HONG KONG (PRC).

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Email: [hk@acmasindia.com](mailto:hk@acmasindia.com)

### SHOWROOM

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Email: [info@acmasindia.com](mailto:info@acmasindia.com)

### SALES OFFICE (RUSSIA)

Inmed Trade Street, Ozerkovsky Embankment, Unit No 50 Straine-1, Off-502, Moscow, RUSSIA

Tel: 0049-79592345 | Email: [russia@acmasindia.com](mailto:russia@acmasindia.com)