

Laboratory and Measuring and Observing and Testing Equipment >> Laboratory and scientific equipment >> laboratory baths >> water baths

**Specifications:**

Name	Type	Restrictions	Unit	Properties
<b>Group: Water Bath Chamber Dimensions, Capacity and Construction</b>				
1. Chamber Length of offered product:	Measurable	250 - 450	length/inch	Mandatory
2. Chamber Width of offered product:	Measurable	200 - 650	length/millimeter	Mandatory
3. Chamber Depth of offered product:	Measurable	100 - 250	length/millimeter	Mandatory
4. Water bath Chamber Capacity	Enumerable	2 to 4 litre, > over 4 to 6 litre, >over 8 to 10 litre, >over 10 to 14 litre, >over 14 to 18 litre, >over 18 to 22 litre, >over 22 to 26 litre, >over 26 to 30 litre, over 6 to 8 litre, over 30 to 34 Litre	N/A	Mandatory,Filter,Golden
5. Chamber Construction:	Enumerable	single walled rectangular chamber, Double walled rectangular chamber, Double walled rectangular chamber with mineral wool/solid insulation material filling in between	N/A	Mandatory,Filter,Golden
6. Material of inner Chamber and lid Construction:	Enumerable	Stainless Steel (SS 304)	N/A	
7. Material of Outer Chamber Construction: hint: (if applicable)	Enumerable	Epoxy coated/Powder coated mild steel, Epoxy / Powder coated Stainless Steel SS304	N/A	Mandatory,Filter,Golden
8. Weight (kg) hint: Must Declare.	Measurable	1 - 100	mass/inch	Mandatory
9. Number of racks provided with Water bath unit	Numeric	0, 2, 4, 6, 8, 10, 12, 14	N/A	Mandatory,Filter,Golden
10. Number of 75 mm diameter Holes provided: hint: For each hole one Concentric rings in steps of 25 mm inner diameter moulded from industrial grade non-corrosive material provided	Enumerable	0, 6, 8, 12, 15, 24	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
<b>Group: Heating Arrangement Parameters</b>				
1. Heat source:	Enumerable	Heating shall be done by a immersion heater.	N/A	Mandatory
2. Heating Capacity (>=): hint: please select heating capacity value as available, if appropriate value not available, select closest Lower than the available value	Measurable	800, 1000, 1500, 2000, 2400, 2500, 3000	power/Watt	Mandatory,Filter,Golden
<b>Group: Control Panel and Display Unit</b>				
1. Control Panel has:	Enumerable	ON/Off Switch, Heating & Temperature (Set & Actual) Indicators, Power mains Indicator, Temperature controller, Circulation Controller (if Water bath has circulation facility), Refrigeration Controller (if Water bath has chamber refrigeration facility), Shaking Controller (if Water bath has shaking facility)	N/A	Mandatory,Filter,Golden
2. Type of Temperature controller	Ordinal	Thermostat based control(1), Digital controller cum Indicator PID Based control(2)	N/A	Mandatory,Filter,Golden
3. Water bath Display type:	Ordinal	Analog Display(1), Digital (numerical/application specific) backlit LCD display(2)	N/A	Mandatory,Filter,Golden
<b>Group: Water bath Temperature</b>				
1. Temperature range of bath chamber:	Enumerable	5°C above ambient to 99.9°C, 5°C above ambient to 90°C, 5°C above ambient to 95°C	N/A	Mandatory,Filter,Golden
2. Temperature control sensitivity:	Ordinal	±0.5°C or better(1), ±0.2°C or better(2), ±0.1°C or better(3)	N/A	Mandatory,Filter,Golden
3. Least temperature increment Step available	Ordinal	5 degree C(1), 1 degree C(2), 0.1 degree C(3), 0.01 degree C(4)	N/A	Mandatory,Filter,Golden
4. Temperature Accuracy: hint: Must Declare.Value must be between 0 and 10	Ordinal	±5°C or better(1), ±1°C or better(2), ±0.5°C or better(3), ±0.2°C or better(4), ±0.1°C or better(5)	N/A	Mandatory,Filter,Golden
5. Safety Features:	Enumerable	Low fluid Alarm, High limit Alarm, Over temperature Alarm & cutoff, Redundant safety thermostat	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
<b>Group: Power Requirement, Certifications and Warranty</b>				
1. Power requirement: hint: Must Declare.	Enumerable	220 V 50 Hz Single Phase AC, 440 V 50Hz three phase AC	N/A	Mandatory,Filter,Golden
2. Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification hint: (to be furnished by Seller on demand of Buyer)	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
3. Manufactured by ISO 9001:2008 or latest certified firm: hint: (to be furnished by Seller on demand of Buyer)	Enumerable	YES	N/A	Mandatory
4. Equipment has CE certification hint: (to be furnished by Seller on demand of Buyer)	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
5. Warranty Period: hint: Comprehensive and onsite warranty	Measurable	3, 5	time/year	Mandatory,Filter,Golden
<b>Group: Cover</b>				
1. Lid/cover Provided	Boolean	Yes, No	N/A	Mandatory,Filter
2. Shape of Cover	Enumerable	Gable, Rectangular, NA	N/A	Mandatory
<b>Group: Timer Unit</b>				
1. Timer Provided	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
2. Timer Setting ( minimum increment step) hint: Indicate "0" if no timer available	Measurable	<=300	time/second	Mandatory,Filter,Golden
<b>Group: Miscellaneous Features</b>				
1. Drain plug in Chamber provided	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
2. Data Logging facility through (RS 232/USB/HDMI/Bluetooth etc) to computer available:	Boolean	Yes, No	N/A	Mandatory,Filter,Golden
3. Steel holder for tubes and Flasks provided:	Boolean	Yes, No	N/A	Mandatory