

TECHINCAL DETAILS

OF

waterBATH™ (12 Holes)

1. INTRODUCTION

In any type of Textile wet processing like desizing, scouring, bleaching, optical whitening, dyeing, etc., it is required to maintain standard temperature with regards to duration of the process. Paramount **Water Bath** (Rectangular - Double Wall All Stainless Steel) is very useful for the processing in universities, colleges & textile laboratories.

2. EQUIPMENT

The Paramount **Water Bath** is completely made of Stainless Steel grade 316 with specially designed double wall body for the insulation of heat. The top of the bath and the Beakers are also made of Stainless Steel. A special German precision Thermostat is provided to control the heat transfer rate. Specially designed 12 heavy duty S.Steel Beakers with lid are supplied with the equipment .A Calibrated thermometer is provided for checking the Exact Temperature of water in the bath.



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3. DETAILS OF THE MAIN UNIT OF *waterBATH*[™] (12 Holes)



1. Outer Body (All made of Stainless Steel Special Grade 316).
2. Stainless Steel Beakers (S.S 316).
3. Stainless Steel Beakers Cover / Lids.
4. Knob to Lift the Lid.
5. Calibrated Thermometer (To check water Temperature inside).
6. Handle to lift the Water Bath (Both Sides).
7. Control Panel of Water Bath.



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4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *waterBATH*[™] (12 Bath)



Main Unit



S.Steel Beakers with Cover
12 Nos.



Calibrated Thermometer
(For Temperature Measurement)



This User's Manual



Calibration & Inspection
Certificates

waterBATH[™] (12 Holes) is Supplied Complete with below Accessories:

- | | | |
|---|---|---------|
| 1) Main Unit | : | 01 No. |
| 2) Calibrated Thermometer | : | 01 No. |
| 3) S.Steel Beakers (Special Grade 316) | : | 12 Nos. |
| 4) S.Steel Covers (Lid for above Beakers) | : | 12Nos. |
| 5) This User's Manual | : | 01 No. |



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- 6) Calibration Certificate (Traceable to NPL) : 01 No.
7) Inspection & Conformance Certificate : 01 No.

5. SALIENT FEATURES

- Specially designed equipment to be used for sample dyeing/processing in lab.
- With 12 stainless steel 500ml beakers with lid.
- Temperature ambient up to 100°C.
- Special German thermostat for controlling heat transfer rate.
- 3Kw heater for heating the liquor in the beakers.
- Complete with all accessories including thermometer for calibration.
- Supplied with inspection & calibration certificates.

6. TECHNICAL DETAILS OF *waterBATH*™ (12 Holes)

Maximum Temperature	: Ambient to 100° C
Sensitivity	: ±0.5° C
Dia of Holes	: 75 mm
Size of Bath	: 400 x 350 x 130 mm
Capacity of water in the Bath	: 10 Liters
No. of Beakers with Lids	: 12 Nos.
Capacity of the beakers	: 500 ml. (±50 ml.)
Wattage of Heater	: 3 K.W.
Time taken to reach boiling points	: 20 Minutes
Power Supply	: 220 Volts, Single Phase, 50 HZ, AC Supply.
Overall Dimensions of the Unit	: 505 (W) x 410 (D) x 350 (H) mm 20" (W) x 16" (D) x 14" (H) Inch.
Net Weight of the Unit (With 12 S.S.Beakers)	: 24.5 Kg. (54 lb)

NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.



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