

## Water Bath (with 10 liters tank)

- Temperature control: Ambient to 99.9° C
- ± 0.5° C temperature accuracy
- Digital indication and setting
- P10 control with drift compensation
- Internal water circulation upto 10 lts. per minute
- Excess temperature protection
- Inner Stainless Steel and outer MS with powder coated body.

**Description:**

The Water Bath can be used to heat the samples through water. There is a separate circulation inside the chamber to maintain the uniform temperature across the corners.

**Safety:**

Genei uses PID controller to maintain very accurate temperature. Controller has got autotuning and self calibration modes. Controller can be calibrated by using natural water with the help of external thermometer. The controller can be operated without supervision. To prevent rusting, all baths are made of stainless steel.

**Specifications:**

Temperature range	Above ambient to 99.9° C
Controller	Digital temperature controller PID type
Accuracy	+ /- 0.5° C
Capacity	10 Lts
Circulation	Pump for uniform temperature
Construction	<b>Inner:</b> Stainless Steel <b>Outer:</b> MS with powder coated
Inner Dimension	WxDxH (280x240x150) mm
Operating Voltage	230 V ac@ 50 Hertz

## New Oil Bath

**Description:** Genei's oil bath is manufactured by using heavy gauge SS which is suitable for all the application. Temperature is maintained by the temperature controller, which can work from above, ambient to 200° C. A Seperate temperature controller is also provided with 3mtrs. Cable. The accuracy of the temperature is + /\_0.5° C.

**Technical Information:**

Heater capacity	1KW
Tank capacity	2Ltrs.
Temperature range	Ambient to 200° C.
Sensor	PT100
Accuracy	+ /_0.5° C.
Cable length	3Mtrs.
Safety	Higher and lower cut off
Material	Stainless Steel
Input Voltage	230V,50Hz,A.C.

## New pH Meter

**Description:** Genei's pH meter is a uniquely designed manual/auto temperature compensated pH meter suitable for day-to-day use in the laboratory with high resolution and accuracy. Asymmetric and slope controls kept hidden are adjusted by inserting a small screw driver to avoid unintentional or accidental adjustment after setting with standard buffer solutions. The instrument is supplied with best quality combined electrode and temperature probe.(PT100).

**Technical Information:**

pH range	0-14 or continuous
MV range	0-1999 with auto polarity
Accuracy	pH 0.01pH + /_ 1 Digit. MV1 mV + /_ 1digit
Input Impedance	More than 10/12 Ohms
Buffer Calibration	pH 7.0, pH 4.0 and pH 9.2
Display	3 ½ Digit display with seven segment green 0.5" LED.
Temp. Compensation	0-100Deg. C. Manual/ Auto
Power requirement	0-230V,A.C. 50Hz.