



**(ISO 9001 – 2008 COMPANY)**

**FRONT LOADING TABLE TOP AUTOCLAVE FOR  
HAND PIECE STERILISATION  
MODEL: HPCLAVE**



(ctrl + click on image)

**SALIENT FEATURES:**

**Micro computerised control with 4 Line LCD screen for messages and**

**With Unique**

**Power failure memory : auto *re-starts* process on power resumption.**

**Vesratile :**

**2 Fixed Programs allows “B” Class operation at 134° C 3 mins/18 mins. \* User selectable pre – vacuum stage for all programs \* 1 Custom Program: Protected**

by *Password* \* Programmable Parameters: Temp: 120 to 135°C, Time: 00 to 59 mins. Vacuum Stages: 1 to 3 for removal of incompressible gases.

### User friendly:

Programs start & complete process by minimum key presses without *supervision*

\* displays “*process over*” message on completion \* *blinking light* for user attention on message on screen \* *help messages on screen*

**Construction:** Front Loading type for ease of operation \* Robust construction: *stainless steel* chamber with Powder Coated Stand

**Safety:** process power configured in *cut-off* mode in its steady state of rest.

**Mechanical Safety valve** in case of system failure

**Ease of Servicing:** Self Diagnostic Software displays process fault on screen e.g.: Sensor error, Heating not progressing etc etc

### Specifications:

Operating Voltage	220 (or 110) Volts +/- 10%, 50 Hz, 1Phase
Power Rating – Heater	750 Watts
Control System	Less than 50 Watts
Water Filling / Removal	Manual. Water to be filled in separate tank.
Chamber Size	2.5 Litres Usable
Control Type	Micro-computerised control with LCD display.
No. Of Fixed Programs	2 Sterilization Cycles. 134°C 3 mins/18mins. 3 built-in Vacuums
Custom Program	1 with Password Protection against un-authorized tampering and Programmable: Temp: 120 to 135 Deg C. Time: 00 to 59 Mins. Vacuums: 1 to 3 times.
Special Features:	User Selectable <b>Pre-Vacuum</b> Power Failure Memory - Automatically re-starts selected Program on Power resumption. Password Protection: Prevents unauthorized tampering of set parameters. Only for Custom program. PIN restricted user permission. User Password Generated & Saved. Self Diagnostic Software for Process Fault Recognition Manage Users Facility restricted by Admin Password Calculates Power Consumed during process
Alerts Indication	By Blinking Light.

Display	4 x 20 Liquid Crystal Display (4 Rows x 20 Characters)
	<b>Optional: Touch Screen</b>
Indication on Display	Program No & Name * Cycle * Actual Temp: Deg. C * Time: Mins * Help & Process Alerts * Process Over * Process Stage in progress
Power On	Displays Last Program and Cycle successfully completed
Program Change	By Up and Down Keys
Reporting	Report can be generated on Screen for the Last Cycle Run or for Last 5 Cycle Runs. Expandable to 40 cycles
	<b>Optional: Printing</b>
Parameters Reported	Operator Id * Date & Time of Cycle Start * Program No. & Name * Cycle: Wet or Wet & Dry * Sterilization Temperature * Sterilization Time * No. of Pressure Pulse or Vacuums * Temperature at 1 <sup>st</sup> Pressure Pulse or Vacuum * Temperature at 2 <sup>nd</sup> Pressure Pulse or Vacuum * Temp at 3 <sup>rd</sup> Pressure Pulse or Vacuum * No. of Power Failures * Process Time Taken * Power Consumed during the process * Process Result: Success, Aborted(user stopped) or Unsuccessful due to process failure with fault indication.
Sterilizable Load	Solid Hollow or Porous: Wrapped or Unwrapped Hand Pieces

### **WHY PASSWORD?**

Admin Password used for Adding / Deleting Authorised User and for changing Parameters (Custom Program only).

User Password used for Operating the machine. Only Authorised Users are permitted to operate the equipment.

Password is not required to Run the Program with previously set values.

### **WHAT IF PASSWORD FORGOTTEN?**

Retrieval Procedure Explained in the Manual

## **DESIGN & SPECS SUBJECT TO CHANGE WITHOUT NOTICE**