

Vertical Autoclave - Triple Walled



WEIBER



Models : Acm-32063 - A



Introduction

WEIBER is a name of quality and quick service, an asset to Hospitals, Pharmaceutical, Tissue culture, Bio-fertilizer Laboratories and research institutes with modest sterilizing needs, where contaminated objects require sterilization. Since last 25 years we have made its primary objectives to help fight the spread of infections, caused by pathogenic micro-organisms. We represent most innovative and advanced technologies in our products supported by our most efficient customer support network.

Construction

The inner and outer chamber is made of high-grade stainless steel sheet; the strong and sturdy sheet lid is also made of high grade stainless steel sheet. The unit is fitted with very efficient radial locking system made of mild steel, chrome plated, with paddle lifting device.. The unit is fitted with safety valve, pressure release valve, water level indicator, cord and plug.

Mode of Heating

Electrically heated by special flange type/immersion type heaters bearing

ISI mark, to work on 220 volts single phase 50 cycles

Working Pressure

The pressure inside the chamber is variable from 5 psi. to 20 psi.

Working Temperature : 150° C

Hydrotest Pressure : 40 PSI

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Standard Controls :

- Double safety radial locking arrangement.
- Stainless steel steam release valve.
- Spring loaded safety valve of stainless steel (grade SS-304)
- Water inlet and water valves.
- Water level indicating gauge glass with stainless steel guard.
- Pressure gauge.
- Electrical control box, fitted with toggle switch, indicating Neon lamps and steam release valve.
- Foot Operated Paddle Lifting Device

- Semi Automatic pressure control switch

Optional Accessories (Basic)

1. Automatic Pressure Control Switch - This semi-automatic device controls the pressure inside the chamber mechanically and cuts-off the current from the heating elements, when the desired/ set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level.

2. Automatic low Water Cut-off Device - This device is a safety device which protects the heaters from running dry. This device ensures that the machine is automatically switched off in case the desired water level falls below the prescribed level.

3. Mechanical Timer with Alarm System - This is a semi-automatic device which is initiated once the pressure level inside the chamber reaches the desired value, it regulates the sterilization time of the media to be sterilized and when the desired time is

passed, it activates the buzzer, which indicates that the sterilization cycle is complete and media can be extracted.



Temperature Chart Recorder

These self-contained, easy-to-use recorders provide a permanent record of temperatures, using a precise, spiral-wound bi-metallic strip

transducer. All models include an on/off switch, locking door and built-in

lock)
Conversion to Fully Automatic PLC based System

Cg100 Integrated PLC&HMI controller. 16 channel Digital Inputs, 12 Channel Digital outputs, 2 Analog Inputs, 1 Analog output, 1 High Speed Counter Input, 4x20 character LCD display, 6 programmable function keys, 10 numeric data keys, 5 navigation keys. CG100 can be programmed with Microsoft PLC editor program which runs under Windows versions. The IO capacity can expand via expansion



Universal Digital Data Recorder system Without Computer (Complete Unit)



Working Chamber	
250mm x 450mm	(22 ltrs)
300mm x 500mm	(35ltrs)
350mm x 550mm	(50ltrs)
450mm x 600mm	(98 ltrs)
550mm x 750mm	(152 ltr)

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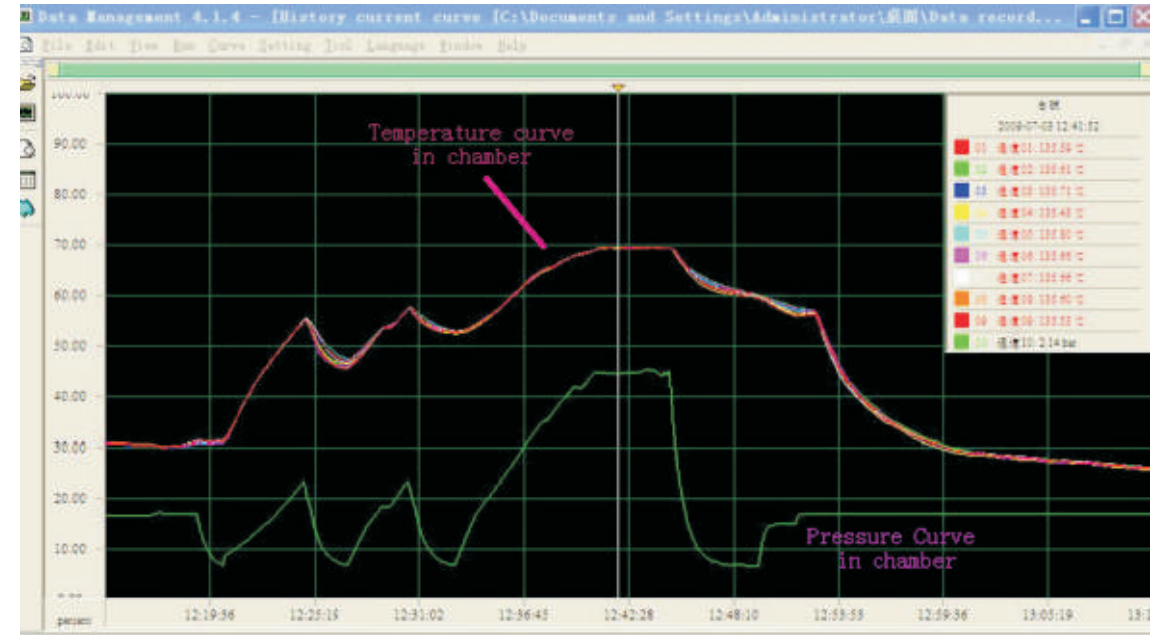
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modules. The modules Dig. inputs, Outputs, Analog inputs, outputs, PT100 sensor, Thermocouple inputs, Load cell inputs.



Temperature Graph Representation



Price: This module can convert any model of the vertical autoclave into fully automatic PLC based sterilizer with advanced validation and data logging features with auto and customized program functions.

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