

Auto Clave Controller Features

- Temperature Input : RTD Pt100
- Programmable Sterilization Timer with Guaranteed Soak Time
- High Temperature Safety Alarm
- Computed Saturated Steam Pressure Display
- Independent Purging and Sterilization Set-points
- Independent Outputs for Air Valve & Steam Control
- Front Key for Sterilization Cycle Reset & Start Command
- Water Level Low Switch Input
- DIN Standard Dimensions : 96(H) X 96(W) X 55(D), mm

Display	
Display Method	16x2 Line Alphanumeric LCD
Out Put Indication	3 Red LEDs (3mm) Heater/Air Valve/Alram
Keys	
Type	4+1 Tactile Switches
Functions	ON/OFF ,SET, DOWN, UP, ENTER
Sensor Input	
Type	RTD (Pt100), 3 wire
Display Range	000.0 to 150.0'C
Display Resolution	0.1'C
Accuracy	± 0.25% of reading ± 1°C
Sterilization Timer	
Operation Mode	Soak Time at Sterilization Setpoint with Hold Band
Range	1 to 999 Minutes
Power-fail Recovery	Resume, Reset, Abort
Sterilization Control	
Type	ON-OFF
Mode	Heat Control

Control Parameters	Sterilization Setpoint, Hysteresis
Output (OP-1)	Relay Change-over Contacts or SSR Drive (Factory Set)
Air Purging Control	
Control Type	ON-OFF
Control Parameters	Air Outlet Setpoint
Output (OP-2)	Relay Change-over Contacts or SSR Drive (Factory Set)
Alarms	
Functions	High Temperature Deviation, End-of-Sterilization, Low Water Level
Output (OP-3)	Relay Change-over Contacts
Outputs	
Relay	Contact Type : Potential-free Change-over Contacts Contact Rating : 3A Resistive @ 120/240 Vac Contact Life : > 5,00,000 Operations at Rated Voltage / Current
Power Supply	
Type	Linear PSU
Line Voltage	230VAC, 50/60Hz Optional : 18~36 VDC
Consumption	5VA Max
Physical	
Mounting	Plug-in with Panel Mounting Clamps
Overall Dimensions	96(H) X 96(W) X 55(D), mm
Panel Cutout	92(H) X 92(W), mm
Environmental	
Operating Ambient	0°C to 55°C
Storage Temperature	-10 to +70 °C
Operating Humidity	5~80%RH Non-condensing
EMC Standard	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment
Safety Standards	Meets EN61010, Installation Catagory II