

# AUTOMATIC AUTOCLAVE CONTROL SYSTEM

## KEY FEATURES

- Suitable for Fully Automatic Steam Autoclave 200L to 2000L Horizontal
- Internal / External Steam Selectable
- Dual Temperature Setting 121-134 Deg. C.
- Time Control up to 30 Minutes
- Direct Printer Output RS-232 for Continuous Time, Temp. and Status Reporting
- Single and Double Doors Selectable
- Onscreen Temp., Time, Doors and Steam Indication
- K-Type Single and Double Temp. Sensor Interface with 1% accuracy.
- High Visibility Blue Crystal Display with Back Light for Poor Light Environment
- Status, Faults Indication and Sound Buzzer
- Touch Push and Splash Proof Front
- Accurate and Highly Stable, User Friendly Operation
- Easy replacement & Wiring(included)

### Programable Settings According to Capacity:

- |                  |                       |
|------------------|-----------------------|
| 1- Steam Pulse   | 2- Dry Cycle          |
| 3- Post Vacuum   | 4- Pre- Vacuum Time   |
| 5- Purging Cycle | 6- Steam Exit Time    |
| 7- Dry Time      | 8- Air in Time at End |
- and many more internal settings, refer to manual.



#### NOTE:

We can modify or add any function according to your machine Hardware, also modify Front sticker according to your company name and color.

## MODEL: SAC-950+



MANUFACTURE AND DESIGNED BY:

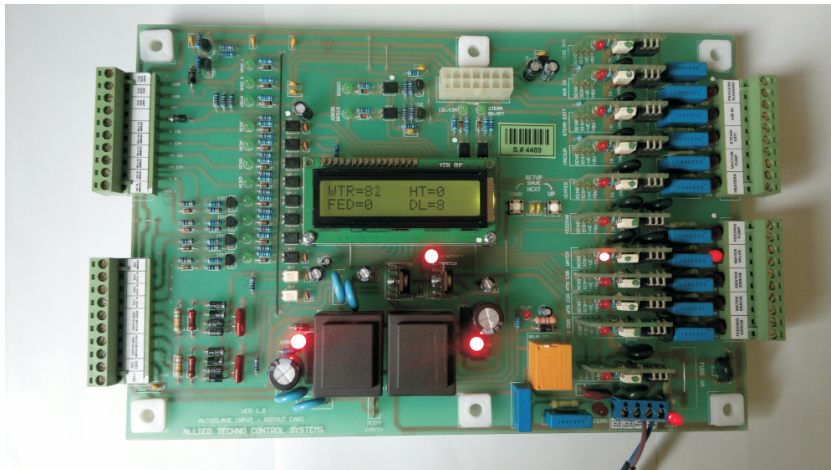


ALLIED TECHNO CONTROL SYSTEMS  
JHUMRA ROAD, MANSOORABAD,  
FAISALABAD, PAKISTAN-38000.

## SPECIFICATIONS

<b>Controller Series</b>		CLAVE SS-300RE Series
<b>Dimensions</b>		210x160x50 mm , weight 950g (approximate)
<b>Panel Cutout</b>		199x149 mm (+/-0.3 mm)
<b>Terminal Connection</b>		Complete Wiring Included
<b>Voltage (only control circuit)</b>		80 to 265 VAC - 6VA maximum 45-65Hz
<b>Operating Environment</b>		5 to 45°C , humidity: 10 to 70% RH, non-condensing
<b>Instrument Case</b>		Flame-Retardant ABS plastic case (UL-94)
<b>Warm-up Time</b>		25 Seconds maximum
<b>Input</b>	<b>Display Resolution</b>	0.1°F/C or 1°F/C (Pt100 RTD); 1°F/C (thermocouples)
	<b>Input Sample Rate</b>	10 per second (100 ms)
	<b>Accuracy</b>	Thermocouples J, K, 2% of span ±1°C ± 1 digit Pt100, mA mV and Volts: 1% of span ± 1 digit
	<b>Impedance</b>	0-20mV and thermocouples: >10 M
	<b>Pt100 Measurement</b>	N/A
<b>Output</b>	<b>Resistive</b>	N/A
	<b>Inductive</b>	N/A

# AUTOCLAVE INPUT OUTPUT CARD WITH DUAL WATER LEVEL



**MODEL: IOC-951**



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## KEY FEATURES

- Input Output Card Compatible with SAC Series AUTOCLAVE PLC or any Other PLC
- Mechanical Safety Relay for Steam Valve with Front and Back Door open
- Tank Water Level Control with Water Inlet V.
- Chamber Water Level Control with W. Pump
- Interlocking Between Water Leveling Procc.
- Water Pump / Vacuum Pump Trip Input
- Turn OFF Water Pump At low water Tank to avoid Feed Pump Air Chocking
- Accurate and Highly Stable, User Friendly Operation

- De-attachable LCD Display to adjust IO Card Parameters
- All Functions Run with Interlocking to avoid any Damage or User Mishandling
- Double Door Input (Front / Back)
- Chamber Pressure Double Input (121/134)
- Jacket Pressure Double Input(121/134)

### **Programable Settings According to Capacity:**

- 1- Water Inlet Timer (up to 30min)
  - 2- Heater On Timer
  - 3- Feeding Pump Timer
  - 4- Output On/Off Delay
- and many more safety timers*

## SPECIFICATIONS

<b>Controller Series</b>	CLAVE SS-301	
<b>Dimensions</b>	300x190x55 mm , weight 800g (approximate)	
<b>Panel Cutout</b>	Drawing IOC-WR-3	
<b>Terminal Connection</b>	Complete Wiring Included	
<b>Voltage (only control circuit)</b>	80 to 265 VAC - 6VA maximum 45-65Hz	
<b>Operating Environment</b>	5 to 45°C , humidity: 10 to 70% RH, non-condensing	
<b>Instrument Case</b>	FR-4 Standard Open Circuitry	
<b>Warm-up Time</b>	5 Seconds maximum	
<b>Input</b>	<b>Display Resolution</b>	N/A
	<b>Input Sample Rate</b>	10 per second (100 ms)
	<b>Accuracy</b>	N/A
	<b>Impedance</b>	>10 M
	<b>Pt100 Measurement</b>	N/A
<b>Output</b>	<b>Resistive</b>	11- Solid State Relay: 2A@250VAC
	<b>Inductive</b>	11- Solid State Relay: 1A@250VAC