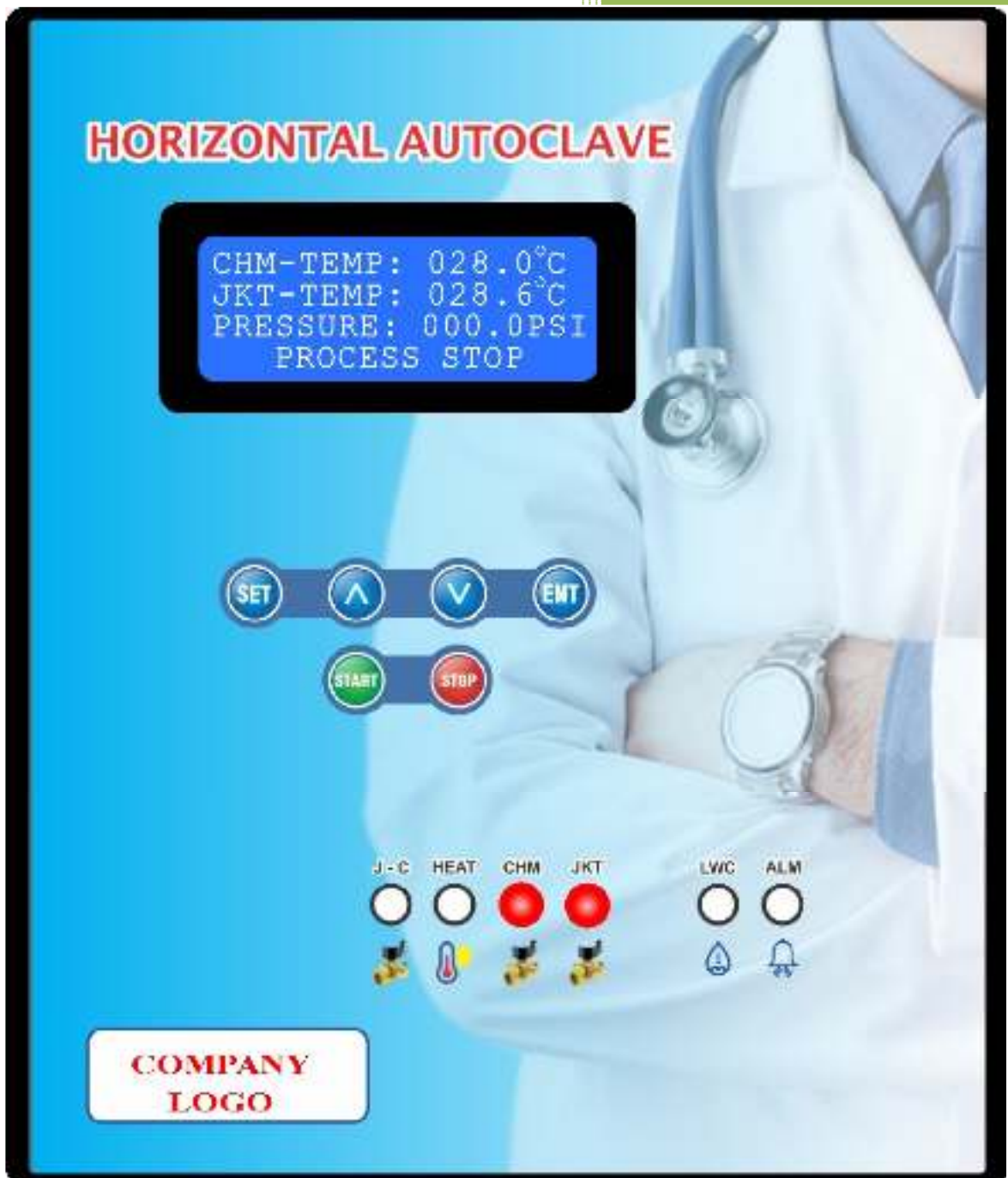


Horizontal Autoclave Controller Triple Valve



M/s SONICS CONTROL SYSTEMS

310-311, 3rd Floor, Laxmi Tower, Azadpur Commercial Complex, New Delhi-110032

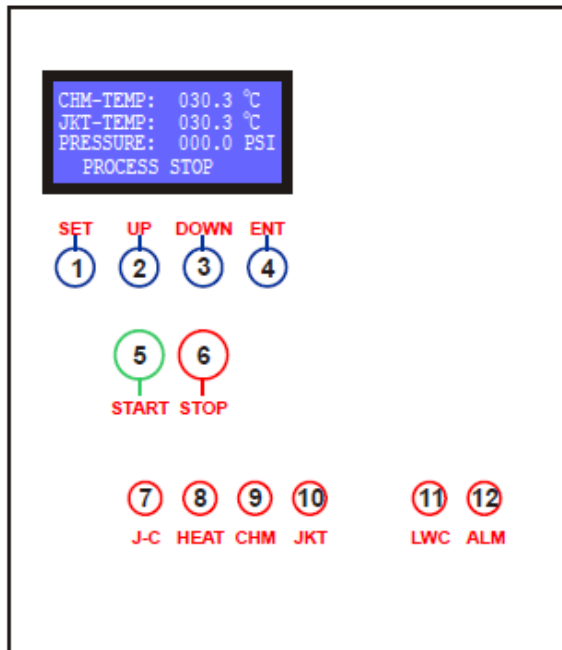
Tel.+91-11-47884753, Ph.+91-9868254254, +91-8459001208

Email:-scs.shivaki@gmail.com, scs.shivaki@hotmail.com

www.shivaki.in

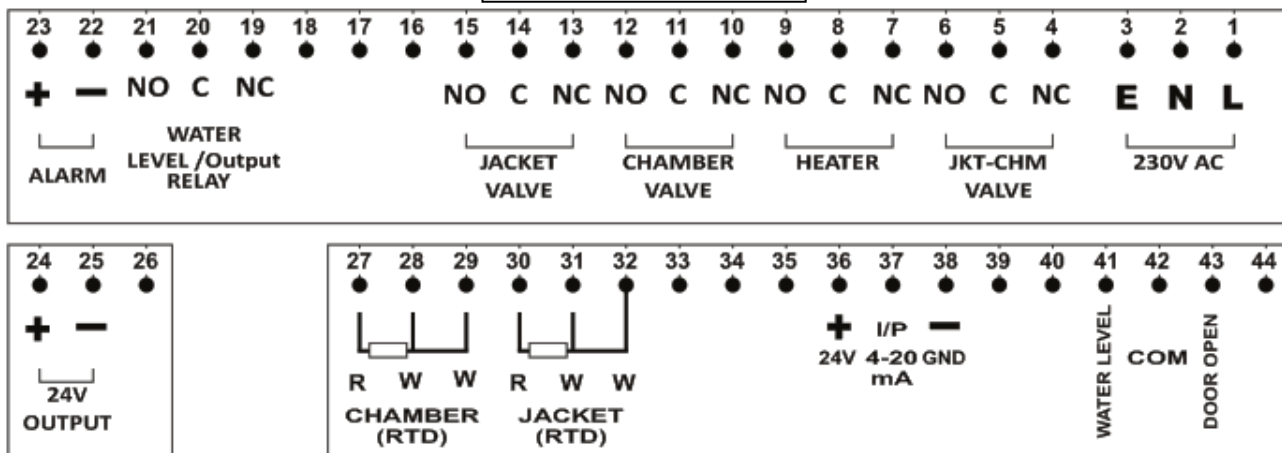
PCB TYPE

KEY FEATURES



- 1 → Use This Key To SET All Parameters.
- 2 → Use This Key To Increase Value
(Hold Down This Key To Speed Up The Increase.)
- 3 → Use This Key To Decrease Value
(Hold Down This Key To Speed Up The Decrease.)
- 4 → Use This Key To Store Any Modification In Parameters
- 5 → Use This Key To START Process.
- 6 → Use This Key To Emergency STOP Process.
- 7 → Indicator Will ON, When JKT To CHM Release.
- 8 → Indicator Will ON, When Heating Output is ON.
- 9 → Indicator Will ON, When Chamber Output is ON.
- 10 → Indicator Will ON, When Jacket Output is ON.
- 11 → Indicator Will ON **When Low Water Cut.**
- 12 → Indicator Will ON, When Alarm ON.

Connection Diagram



USER MANUAL

SPECIAL NOTES

- *** Press **▲** & **▼** Key For Increase & Decrease Any Parameters
(Hold Down This Key to Speed UP The Increase & Decrease
- *** Press **ENT** For Store Any Modification in Parameters.
- *** Press **▲** For NO & **ENT** For YES in Parameters
- *** Press **START** Button For Start Process
- *** Press **STOP** Button For Emergency STOP

CHM-TEMP: 030.3 °C
JKT-TEMP: 030.3 °C
PRESSURE: 000.0 PSI
PROCESS STOP

PRESS **SET** KEY

SET CHAMBER TEMP
121.0 °C

**SET
CHAMBER TEMPERATURE**
(0.0 To 200.0 °C)

PRESS **SET** KEY

SET JACKET TEMP
121.0 °C

**SET
JACKET TEMPERATURE**
(0.0 To 200.0 °C)

PRESS **SET** KEY

STERILIZING TIME
0002 MIN

**SET
STERILIZING TIME**
(01 To 9999 Minutes)

PRESS **SET** KEY

DRY TIME
0002 MIN

**SET
DRY TIME**
(001 To 999 Minutes)

➡➡ Press **ENT** For Store Any Modification in Parameters.

➡➡ Press **SET** For Repeat Parameters.

PRESS **SET** KEY

PASSWORD : 00

**SET
PASSWORD**
(USE 25 IN PASSWORD)

PASSWORD : 25

PRESS **SET** KEY

CHAMBER
PURGING START
TEMP : 100.0°C

**SET TEMPERATURE
FOR START CHAMBER
PURGING**

PRESS **SET** KEY

CHAMBER
PURGING STOP
TEMP : 110.0°C

**SET TEMPERATURE
FOR STOP CHAMBER
PURGING**

PRESS **SET** KEY

JACKET
PURGING START
TEMP : 100.0°C

**SET TEMPERATURE
FOR START JACKET
PURGING**

PRESS **SET** KEY

JACKET
PURGING STOP
TEMP : 110.0°C

**SET TEMPERATURE
FOR STOP JACKET
PURGING**

PRESS **SET** KEY

JACKET
PURGING TIME
01 MIN

**SET JACKET
PURGING TIME**
(01 TO 99 MINUTES)

PRESS **SET** KEY

CYCLIC TIME
0001 SEC

SET CYCLIC TIME
(0000 TO 0099 SECOND)

PRESS **SET** KEY

CHAMBER
CONTROL ACTION
ON-OFF ACTION

**SET CHAMBER
CONTROL ACTION**
T/P OR ON-OFF

PRESS **SET** KEY

CHAMBER
HYS : 0.5

**SET CHAMBER
HYSTERESIS**
For Chamber Transfer
Control Valve.
Relay On-Off
0.1 To 9.9

PRESS **SET** KEY

JACKET
CONTROL ACTION
ON-OFF ACTION

**SET JACKET
CONTROL ACTION**
T/P OR ON-OFF

PRESS **SET** KEY

JACKET
HYS2 : 0.5

**SET JACKET
HYSTERESIS**
For Heater Relay On-off
0.1 To 9.9

PRESS **SET** KEY

PRESSURE INPUT
DISABLE

**PRESSURE INPUT
ENABLE / DISABLE**

=> If Pressure Input Enable
Pressure Display As per Pressure Sensor
Required Pressure Sensor

=> If Pressure Input Disable
Pressure Display As per Temperature

PRESS **SET** KEY

PRESSURE DP
000.0

SET PRESSURE DP
Decimal Position
for Pressure
Reading

PRESS **SET** KEY

PRESSURE RANGE LOW
000.0

SET LOW PRESSURE
RANGE
LOW Range of Reading
for Pressure
Measurement
-1999.9 To 999.9

PRESS **SET** KEY

PRESSURE RANGE HIGH
058.0

SET HIGH PRESSURE
RANGE
HIGH Range of Reading
for Pressure
Measurement
100.0

PRESS **SET** KEY

CHAMBER ERROR
00.0

SET ERROR
IN CHAMBER TEMP.
-30.0 To 30.0°C

PRESS **SET** KEY

JACKET ERROR
00.0

SET ERROR
IN JACKET TEMP.
-30.0 To 30.0°C

PRESS **SET** KEY

PRESSURE ERROR
000.0

SET ERROR
IN PRESSURE
-99.9 To 999.9

PRESS **SET** KEY

ALARM BAND
5.0°C

Temperature Deviation
from Set Point
to On Alarm
0.0 To 9.9°C

PRESS **SET** KEY

HIGH TEMP. ALARM
150.0°C

SET ALARM
FOR HIGH TEMPERATURE
000.0°C To 200.0°C

PRESS **SET** KEY

SET TEMP. LIMIT
150.0°C

SET
TEMPERATURE LIMIT
0.0°C To 400.0°C

PRESS **SET** KEY

PROCESS END BUZZER
TIME
15 SEC

SET TIME
FOR PROCESS
END BUZZER
01 To 99 Second

PRESS **SET** KEY

MEMORY : YES

MEMORY (YES OR NO)
FOR Power Failure
Memory Function Worked
After Equal & Above
Purging Temperature.

PRESS **SET** KEY

WELCOME MESSAGE
LINE 1

ADD WELCOME MESSAGE
4 LINE
20 WORDS PER LINE
A TO Z & 0 TO 9

WELCOME MESSAGE
LINE 2

WELCOME MESSAGE
LINE 3

WELCOME MESSAGE
LINE 4

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