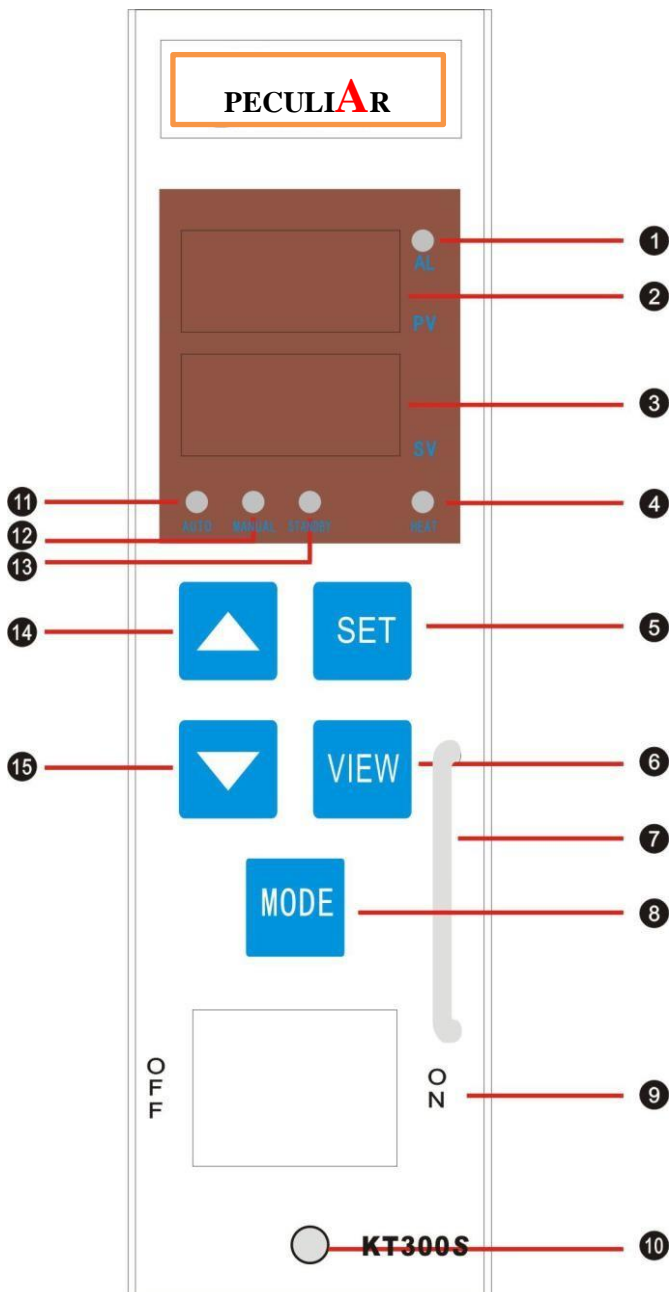


Peculiar Plastic Machinery is specialized in the manufacturing of auxiliary equipment's for plastics molding machine located in Delhi, India. Our equipment's include Hot Air Dryer, Vacuum Hopper Loader, Water Chiller, Mold Temperature Control, Material Storage Bin, Mixers, Granulators, Dehumidifiers, and the central feeding system. Our equipment's are widely used in various industries including electronics, household appliances, CDs, building materials, packaging, beverage, medical industry and so on.

Hot Runner Temperature Controller

1) Panel Instruction:



1. Alarm led (red)
2. Process Value
3. Set Point, output %, or heater current
4. Heat on led (red)
- 5 Press and hold this key to access parameter setting.
6. Press this key to display output %, or heater current
7. Handle
8. Use this key to change the control mode,
9. Power on/off switch
10. Fixed screw
11. Auto mode led (red)
12. Manual mode led (red)
13. Standby mode led (red)
14. Press this keys to increase a value
15. Press this keys to decrease a value

2) Specifications

2.1 Operating Limits

Ambient Temperature 32°F to 131°F (0°C to 55°C)

Relative Humidity Tolerance 10 to 95 % Non-Condensing

Shipping Temperature -40 °F to 158 °F (-40°C to 70°C)

Power Requirement 115 to 240 Vac 50 or 60 Hz nominal

2.2 Performance

Accuracy $\pm 0.3\%$ of span

Set point Resolution 1 degree

Fahrenheit Repeatability $\pm 0.1\%$ of span

Temperature Stability $\pm 0.5\%$ of full scale over the ambient range of 32°F to 131°F (0°C to 55°C) Thermocouple

Cold-End Tracking automatic, better than 0.02°F per °F (0.01°C per °C)

Noise Rejection Common Mode > 100 dB, Series Mode > 70 dB

Process Sampling Rate 10 Hz (100 ms)

2.3 Connection and Mounting

PPM controllers are designed for installation in a Hot Runner mainframe (or other compatible mainframe)

Removal of PPM controller from the mainframe requires removal of locking screw.

2.4 Inputs

Thermocouple J or K

Supported Sensor Range 50 to 530 °C

2.5 Output

TRIAC, 15 amps at 120/240 Vac (30 amp optional), driven by optically isolated interface circuit. Protected with a pair of 15 amp (or one 30 amp) field-replaceable fuses.











·HOT RUNNER TEMPERATURE CONTROLLERS FROM SINGLE ZONE TO MULTI ZONE FOR PLASTIC INDUSTRIES WITH FULL ADVANCE TECHNICAL FEATURES LIKE SOFT START / CURRENT DISPLAY HRC MOULD CONNECTORS CABLES AND SPARES



**·WE MANUFACTURE ALL TYPE OF TEMPERATURE SENSORS LIKE SIMPLEX / DUPLEX MI THERMOCOUPLES / RTD (PT-100) SENSOR / WE PROVIDE THERMOCOUPLES AND RTD WITH CALIBRATION CERTIFICATES TRACEABLE TO NABL STANDARDS.
HIGH TEMPERATURE SENSORS USES IN TEMPERATURE RELATED APPLICATION
·ALL TYPE OF CABLES LIKE THERMOCOUPLE COMPENSATING AND EXTENSION CABLE**



: OTHER PRODUCTS :

**TEMPERATURE SCANNER / DATA LOGGER / TEMPERATURE CHART RECORDER / TEMPERATURE CALIBRATORS .
CONTROL PANEL ACCESSORIES LIKE CONTACTORS / RELAY/ MCB / SOLID STATE RELAY / HEAT SINK /
PUSH BUTTONS / LED LAMPS / LIMIT SWITCHES / TERMINALS / CURRENT TRANSFORMERS / WIRES / CABLES /
PVC CHANNELS / TOWER LIGHTS / ROTARY SWITCHES/ HEATERS / PROXIMITY SENSOR / TEMPERATURE TRANSMITTER
SCR MODULE / THYRISTOR FIRING CARD ETC...**

