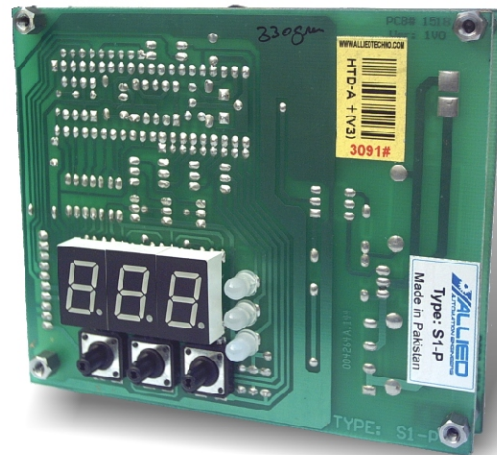


## HOT TEK PS-1 TIME AND TEMPERATURE CONTROL

### KEY FEATURES

- ➔ Suitable for low cost Manual Heat Press
- ➔ Solid State Output with cooling wings up to 2000W for heater
- ➔ Pneumatic valve output (optional)
- ➔ Temperature Control up to 250 Deg. Cent.
- ➔ Time Control up to 99 Seconds
- ➔ K-type, J-type Sensor (PT-100 optional)
- ➔ High Power Connectors
- ➔ Ultra Bright Seven Segment Display
- ➔ Traditional On/Off Control
- ➔ User Friendly Operation
- ➔ High Speed Micro-controller Based
- ➔ Accurate and Highly Stable
- ➔ Easy replacement and wiring
- ➔ Internal Self Diagnose System
- ➔ Audibly Buzzer for System status
- ➔ Low Cost, High Efficient
- ➔ Sensor Fault Alarm



Manufactured by:



### SPECIFICATIONS

<b>Controller Series</b>	PS1 Series	
<b>Dimensions</b>	94x112x40 mm , weight 350g (approximate)	
<b>Panel Cutout</b>	As Drawing No.: psd-1-08	
<b>Terminal Connection</b>	Screws accepting 16-24 AWG wires or 6.3 mm fork lug	
<b>Power (only control circuit)</b>	185 to 250 VAC - 5VA maximum 50-60Hz	
<b>Operating Environment</b>	0 to 50°C (32° to 122°F), humidity: 10 to 90% RH, non-condensing	
<b>Instrument Case</b>	Safe Open Body	
<b>Warm-up Time</b>	1 minutes 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, 0.2% of span ±1°C ± 1 digit Pt100, mA mV and Volts: 0.2% of span ± 1 digit
	<b>Impedance</b>	0-50mV and thermocouples: >10 M
	<b>Pt100 Measurement</b>	N/A
<b>Output</b>	<b>Resistive</b>	1 - Solid State Relay : 8A@250VAC
	<b>Inductive</b>	1 - Solid State Relay : 5A@250VAC --- 1 - Solid State Relay : 2A@250VAC (pneumatic valve optional)