



## SPECIFICATION :

<b>Model</b>	<b>PID-7D1</b>
<b>Over All Size</b>	72*72*75 mm
<b>Cut Out</b>	68*68 mm
<b>Mounting</b>	Panel Mounting
<b>I/P Supply</b>	230VAC,+/-15%,50Hz.(Others on Request)
<b>I/P Sensor</b>	J/K/RTD (Field selectable)
<b>Display Indication</b>	Upper = 4-Digit 0.56" RED or White 7 Segment LED display.for PV
	Lower = 4-Digit 0.39" GREEN LED display for SV.
<b>I/P Sensor &amp; Range</b>	a) J-T/C-0 to 400°C
	b) K-T/C-0 to 1200°C
	c) RTD 1°C: -99°C to 400.C
	d) RTD-0.1: -99.9°C to 400.0°C
<b>Indication Accuracy</b>	0.25% of FSR or 2°C Max,Software Calibrated Lineariser.
<b>Display Resolution</b>	a) TC -1°C
	b) RTD-1°C or 0.1°C
<b>CJC</b>	Automatic Cold Junction compensation for TC.
<b>Setting Method</b>	By Front Keypad
<b>Control Method</b>	ON/OFF ,Cooling with delay & TP Or Auto-Tune PID (PID) (Field selectable)

# Universal IP 1-Set Point Dual Display Auto Tune PID Temperature Controller-7D1

<b>Control O/P</b>	1 C/O-Relay o/p (5A@230vac) & Isolated SSR o\p (+12vdc)
<b>Setpoint</b>	Single Setpoint.
<b>Sensor Break Protection</b>	The relay gets OFF when the sensor breaks.
<b>OutPut Indication</b>	LED Indication on the front panel for Each O/P status.
<b>EMC Standard</b>	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment
<b>Safety Standards</b>	Meets EN61010, Installation Catagory II
<b>Operating Ambient</b>	0°C to 55°C
<b>Storage Temperature</b>	-10 to +70 °C
<b>Operating Humidity</b>	5~80%RH Non-condensing

Heatcon Automation