

µC Based Profile Temperature Controller – 9 Step



- WTC-2201-PR-9Size: 96(w)x96(h)x65(d) mm
- WTC-2001-PR-9Size: 96(w)x48(h)x110(d) mm
- WTC-2101-PR-9....Size: 72(w)x72(h)x65(d) mm
- WTC-2301-PR-9Size: 48(w)x48(h)x85(d) mm

- microcontroller based,
- Four digit dual display
- Supply 100-260 VAC
- Input J, K or RTD selection
- Output: 1. Relay Contact or SSR or 4-20mA, 2. Alarm contact or Buzzer
- PID – Auto tune or On/Off Control selection
- Heating or Cooling Application selection
- Range: J type 0-750c, K type 0-1200c, RTD.1 type -50.0 to 400.0c, RTD type 0 to 400c
- Single program, Nine step
- Each step contain Temperature, Soak time & Ramp setting
- Ramp selection: Time base or Temperature base
- Power down memory Enable/Disable for delay time, Step number & soaking time
- Soak timer Auto or Manual load selection
- Soak band to enable soak timer in this band
- Control temperature, Soak time & ramp value with step number indication by INC. Key
- End displays if process complete.
- Accuracy of 0.5% of full scale
- Temperature As per range adjustable in set mode.
- Alarm 0.0 to 25.0 or 0 to 250 as per range adjustable
- Alarm Mute facility by decrement key.
- Ct 1 to 60 for second SSR output & 10 to 120 second for Relay output adjustable
- Auto tuning require for pb, It & dt value
- Hysteresis 0.2 or 2 to 25.0c or 25c adjustable as per range selection for RTD
- Hysteresis 2 to 250c adjustable as per range selection for J & K Type
- Delay 0 to 250 second adjustable for cooling control
- OPEn display if Sensor break & -rEV display if connections reverse.
- Relay trip if sensor breaks, connection open or connection reverse.
- Calibration Error correction by front key switch (No preset setting)
- Configure link @ Back terminal to avoid unauthentic entry.
- Overnight delay timer(Optional)

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