

µC Based BOD Profile Temperature Controller



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

- Four digit dual display
- Supply 100-260 VAC
- Input : PT100 RTD
- Output: 1. Heating Relay Contact or SSR, 2. Cooling Relay contact or SSR, 3. Alarm Relay contact or Buzzer
- PID –Auto tune or On/Off Control selection
- Control action: Heating control-PID (Auto tune) and Cooling control -On/Off
- Range: -99.0 to 400.0°C with Accuracy of 0.5% of full scale
- Single program, Nine step, Soaking time & Ramp setting
- Ramp selection: Time base or Temperature base (Temperature /Minute)
- Time base ramp: Time setting 0 to 1000 Minute (0=Natural rise)
- Temperature base ramp: Temperature/Minute setting 0.0 to 100.0°C (0.0=Natural Rise)
- Overnight delay timer(Optional)
- Power down memory for delay time, Step number & soaking time
- Alarm setting -25.0 to 25.0 adjustable above and below set value.
- Ct 1 to 60 seconds for ssr output & 10 to 120 second for Relay output adjustable
- Auto tuning require for pb, It & dt value
- Soak band to enable soaking timer in this band
- Control temperature, Soak time & ramp value with step number indication by INC. Key
- Cooling Hysteresis 0.2 to 25.0°C adjustable
- Delay 0 to 250 second adjustable for cooling control
- OPEn display if Sensor break and Relay trip if sensor breaks or connection open
- Calibration Error correction by front key switch (No preset setting)
- Configure link @ Back terminal to avoid unauthentic entry.
- Defrost On & Off setting
- Alarm output optional
- Alarm Mute by decrement key.
- Manual defrost on by increment key (press for 5 second)
- RS485 Output Optional

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