

HTD-250CON LAB HT DYEING CONTROL

KEY FEATURES

- Suitable for Intelligent Fully Automatic Lab HT Dyeing machine
- Single Zone Fuzzy Logic Control (optional)
- Traditional On/Off Control
- Motor Reverse/Forward Operation (optional)
- Intelligent Inching Steps for Cup Position
- Intelligent Heating and Cooling Control
- High Visibility Crystal Display
- Back Light for Poor Environment
- Touch Push and Splash Prof Front
- Accurate and Highly Stable
- Easy replacement & Wiring (included)
- Internal Self Diagnose System
- Temperature Control up to 200 Deg. Cent.
- Timer Control up to 120 Minutes
- K-type, J-type Sensor (PT-100 optional)
- Audibly Buzzer for System status
- Sensor Fail, Door Fault, Motor Fail Alarms
- Low Failure Rate, High Efficient



SPECIFICATIONS

Controller Series	LABTEK HTD250 Series	
Dimensions	210x160x45 mm , weight 650g (approximate)	
Panel Cutout	198x148 mm (+/-0.3 mm)	
Terminal Connection	Complete Wiring Included	
Power (only control circuit)	185 to 250 VAC - 5VA maximum 50-60Hz	
Operating Environment	0 to 50°C (32° to 122°F), humidity: 10 to 90% RH, non-condensing	
Instrument Case	Flame-Retardant ABS plastic case	
Warm-up Time	2 minutes maximum	
Input	Display Resolution	0.1°F/C or 1°F/C (Pt100 RTD); 1°F/C (thermocouples)
	Input Sample Rate	5 per second (200 ms)
	Accuracy	Thermocouples J, K, 0.2% of span ±1°C ± 1 digit Pt100, mA mV and Volts: 0.2% of span ± 1 digit
	Impedance	0-50mV and thermocouples: >10 M
	Pt100 Measurement	N/A
Output	Resistive	3- Solid State Relay: 2A@250VAC --- 1- 12VDC Out for External High Power SSR
	Inductive	3- Solid State Relay: 1A@250VAC --- 1- 12VDC Out for External High Power SSR