Servicebio®

User Manual

Slide Dryer

SWE-JKP5

Please read the user manual carefully and keep it properly before using the product for future reference

Wuhan Servicebio Technology Co., Ltd.

CONTENTS

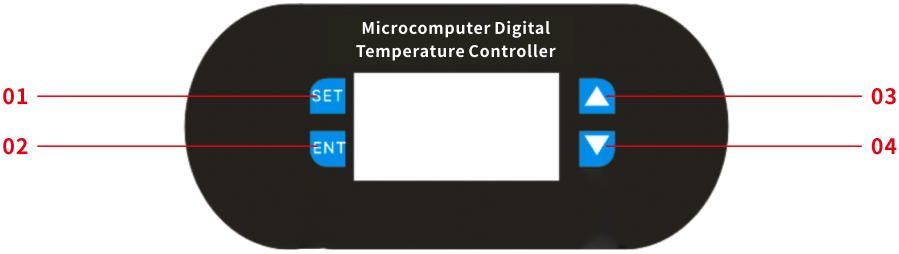
01 Technical Parameters

Thank you for choosing our product. This machine integrates advanced heating technologies, featuring compact size, user-friendly operation, precise temperature control, and strong anti-interference capability. It is suitable for fully automated intelligent control of heating devices in various environments. Heating modes can be configured via the menu, and settings are retained after power loss.

Service life: 6 years.

Temperature Range	Adjustable 0~120°C
Temperature Accuracy	1°C
Display Resolution	0.1°C
Temperature Differential	Adjustable 0.1~30°C
Calibration Range	+10~-10°C
Delay Start	0~10 minutes
High-Temp Alarm	0~120°C
Data Lock	Yes
Data Retention	Yes
Factory Reset	Yes
Slide Slots	6 rows
Slide Capacity	9 slides/row, 54 total
Orientation	Reversible (up/down)
Power	300W
Voltage	10A/AC 200V
Operating Temp.	-20°C~70°C
Dimensions	300×350×105mm
Dual Function	Flotation & Drying

02 Panel Diagram



01	SET Button	02	ENT Button	03	Up Button
04	Down Button				

03 Operating Instructions

To configure the heating device (e.g., stop heating at 30°C and resume at 25°C), follow these steps:

1.Under normal temperature display, press the SET button once. The value will blink. Use the ▲ (Up) or ▼ (Down) buttons to adjust the temperature to 30°C.Press ENT to confirm and exit;

2.Under normal temperature display, press and hold SET for 5 seconds until the screen shows P0 (mode code).Press SET again to enter the P0 parameter setting. Use ▲/▼ to select H (Heating Mode).Press ENT to confirm and exit;

3.Under normal temperature display, press and hold SET for 5 seconds to enter the code menu (P0).Press ▲ to switch to P1 (Differential).Press SET to enter P1 parameter setting, then use ▲/▼ to set the value to 5.Press ENT to confirm and exit;

4.Configuration Complete: The system will now stop heating at 30°C and resume at 25°C (due to the 5°C differential).For other temperature settings, follow the same method.

04 Menu Code Table

Code	Description	Range	Default	Unit
P0	Heating/Cooling	H/C	C	None
P1	Temperature Differential	0.1~30	2	℃
P2	Max. Temperature Limit	120	120	℃
P3	Min. Temperature Limit	0	0	℃
P4	Temperature Calibration	+10~-10	0	℃
P5	Delayed Start	0~10	0	Minutes
P6	High-Temperature Alarm	0~120	OFF	None
P7	Data Lock	ON~OFF	OFF	None
P8	Factory Reset	ON~OFF	OFF	None

Delayed Start This function is generally used for compressor cooling. If this temperature controller is used for refrigerators or freezers, this value must be set. Depending on the compressor's back pressure, it is usually set to 3~6 minutes. If the controller is not used for a compressor or the delay function is not needed, set this value to 0.

High-Temperature Alarm Set the high-temperature alarm value. When the actual temperature exceeds this value, the screen and buzzer will simultaneously alert, and the output will be cut off to protect circuit safety. The alarm is indicated by "H" "H" "H" on the screen, and the buzzer emits a "beep" "beep" sound.

Data Lock If there is a need to protect important settings and prevent unauthorized modifications, set P7 to "ON" after configuring the parameters. Once set, the temperature and internal parameters cannot be modified unless P7 is set back to "OFF".

Restore Factory Settings If the settings are incorrect or a malfunction occurs, set P8 to "ON" to restore factory settings. Alternatively, press and hold the Up ▲ or Down ▼ key while powering on to restore factory settings.

Temperature Setting After powering on, the temperature controller displays the actual temperature. Press the SET key once to make the screen flash, then use the Up ▲ or Down ▼ key to adjust the temperature.

Press and hold the SET key for 5 seconds to enter system settings. After completing the settings, press the ENT key to confirm and return. During normal operation, press and hold the ENT key to shut down.

Working Mode This value must be set when using the temperature controller for the first time. Set it to "H" for heating or "C" for cooling.

Differential Setting The differential is the difference required for the temperature controller to resume operation after reaching the set temperature and stopping. For example, if the heating mode is set to 37~40°C, the differential is 3°C.

Setting Limit High/Low This function sets the temperature limit range but does not affect the temperature setting. Normally, the temperature controller's setting range is 0~120°C. If a smaller range is desired, use this function to narrow the setting range. For example, if P2 is set to 50, the temperature controller's setting range will be limited to 20~50°C.

05 Precautions

1.To prevent high-frequency interference, do not bundle the sensor cable with power cables or load equipment wires during installation - they must be routed separately;

2.The power supply voltage must match the labeled voltage on the main unit, with rated voltage deviation not exceeding ±10%. During installation, strictly distinguish between sensor, power supply, and load output interfaces;

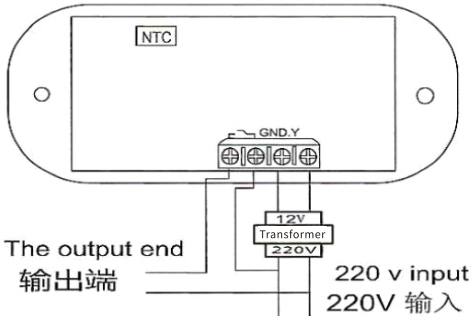
3.The temperature controller must not be installed in locations prone to water dripping or within easy reach of children and elderly persons;

4.After wiring, verify all connections are correct before powering on to avoid damaging the controller or connected equipment. After installation, use the provided protective cover.

06 Installation Wiring Diagram

When installing and wiring, ensure the load's operating voltage matches the voltage specified on the temperature controller. Otherwise, do not follow this wiring diagram.

Control 110V/220V Wiring Method



07 Packing List

No.	Item	Quantity
1	Slide Dryer	1
2	Fuse (5A)	2
3	Power Cable	1
4	User Manual	1
5	Product Qualification Certificate	1
6	Packing List	1

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