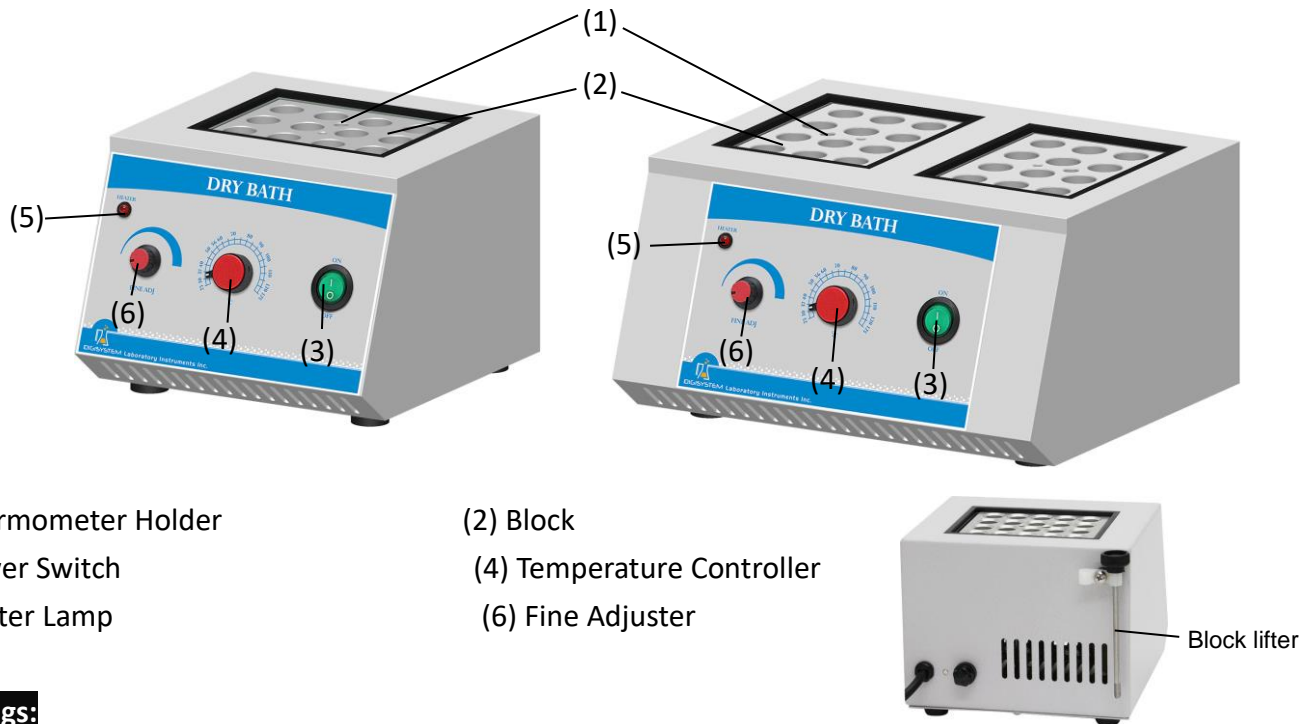


INSTRUCTION MANUAL FOR DRY BATH DSD-100 & DSD-200



(1) Thermometer Holder

(2) Block

(3) Power Switch

(4) Temperature Controller

(5) Heater Lamp

(6) Fine Adjuster

Warnings:

- * The surface is hot. Do not touch.
- * Do not put any objects on the top of the instrument.
- * Please keep the environment ventilated.

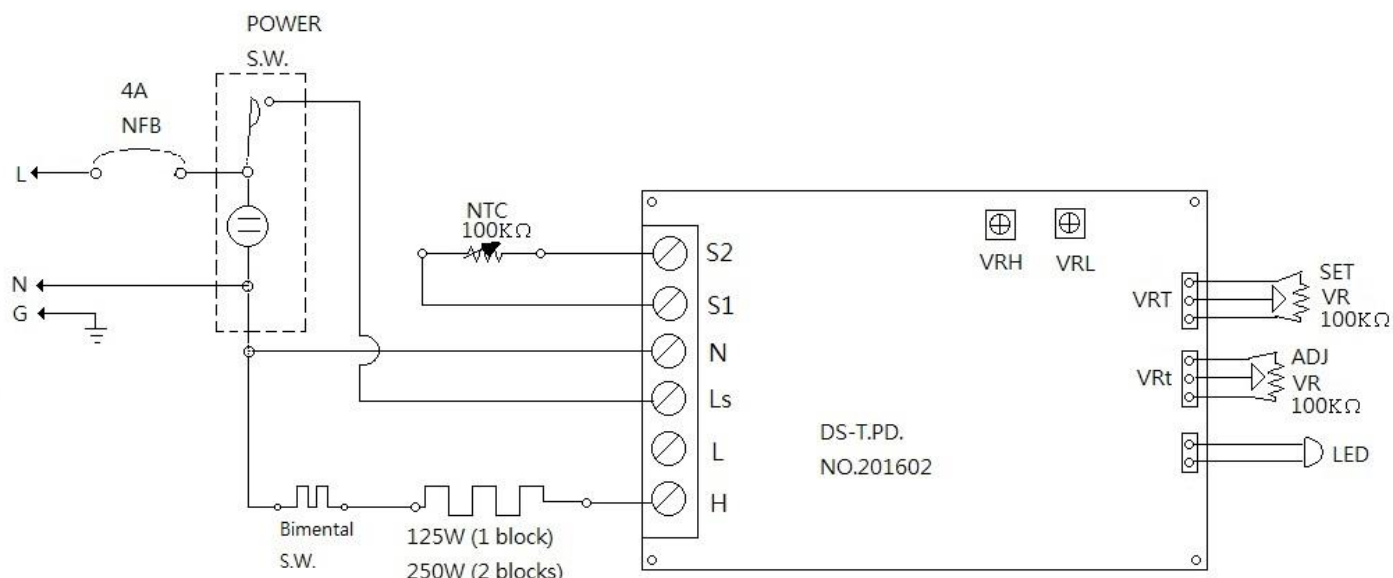
Steps:

1. Connect with power supply. Please make sure the power voltage is the same as the voltage shown on the label back of the machine.
2. Insert the thermometer into the "Thermometer holder" (1).
3. Place the "Power Switch" (3) at "ON" position.
4. Adjust "Temperature Control" (4) to the required Temperature scale, and then "Heater Lamp" (5) lights up. When the temperature reaches the setting value, "Heater Lamp" becomes off.
5. Check the Thermometer if the temperature is the same as the required temperature. If the thermometer temperature is under the required temperature, turn "Fine Adjuster" (6) clockwise slightly; if the thermometer temperature is over the required temperature, turn "Fine Adjuster" (6) counterclockwise slightly. Check and adjust until the thermometer temperature is the same as the required temperature.
6. Insert the test tubes with specimen into the "Block" (2)

Maintenance and care:

Keep the machine clean all the time, so no routine maintenance is required. Cleaning can be done with a damp cloth. Avoid the use of solvents as they may damage the product.

Circuit Diagram:



Troubleshooting Guide

Caution: Always disconnect the power cord before troubleshooting.

Trouble	Cause	Remedy
Instrument inoperative	Power cord not connected to outlet.	Plug instrument in.
	Dead power output.	Change to different output.
	Fuse is burnt.	Change a new fuse, and check if the voltage is correct (refer to the back label).
	Electronic element broken	Contact your distributor for repair.
	Power switch is broken	Contact your distributor for repair.
Fuse is burnt	Voltage is not correct.	Check and change to the correct voltage.
	Heater is broken.	Contact your distributor for repair.
	PC board is broken.	Contact your distributor for repair.
Temperature can't be controlled.	Temperature controller is broken.	Contact your distributor for repair.
	Heater is broken.	Contact your distributor for repair.
	PC board is broken.	Contact your distributor for repair.
Instrument can't heat	Heater is broken.	Contact your distributor for repair.
	PC board is broken.	Contact your distributor for repair.