



Laboratory Equipment Manufacturer

www.mrclab.com



THE OPERATION MANUAL

DISS-06

DISSOLUTION TESTER



READ THIS OPERATION MANUAL BEFORE USE.

Hagavish st. Israel 58817 Tel: 972 3 5595252, Fax: 972 3 5594529 mrc@mrclab.com

MRC.VER.01-7.13

I. OUT - LINE

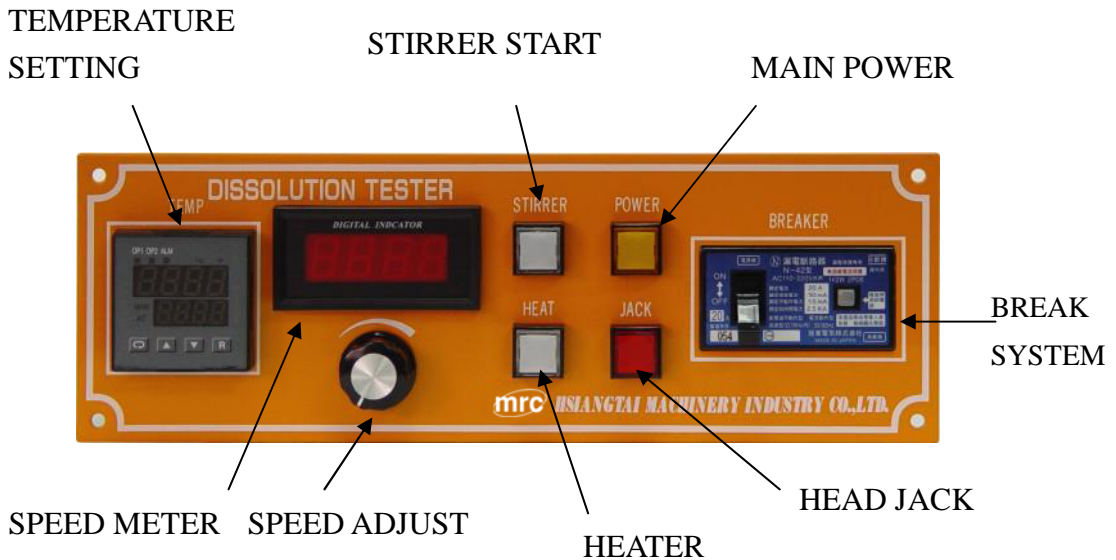


II. SPECIFICATION

MODEL	DISS-06
SPEED (rpm)	10~220 rpm
POWER	AC 110 V / 60HZ. 220 V /50/60HZ
ELECTRIC CONTROL	STEPLESS SPEED CONTROL
SAFETY DEVICE	LOW WATER / OVER HEAT
	SAFETY BREAK FOR LEAKAGE OF ELECTRICITY
TEMPRETURE	DIGITAL CONTROL SYSTEM
HEATER	900W
CONSTANT TEMP. IN WATER TANK	WATER CIRCULATION TYPE
FUSE	10A / 6A
WEIGHT (kg)	62

III. OPERATION

MAIN CONTROL PLANE



1. Fill the water into the tank, also fill with the liquid into the flask, keep both the tank water and flask liquid be with same the same height. Use the distilled water or pure water in the tank for keeping the tank clean.
2. Plug in with the power. (Be sure the power system is correct with the machine.)
3. Push “BREAK” system to “ON” position.
4. Press “POWER” button.
5. Set the temperature, and press “HEAT” button to start auto heating. At the same time, the circulation pump also starts for keeping a constant temperature in the tank.
6. Press “JACK” button to rise up the main driver body.

7. Let the driver body turn up to 30 degree for holding it on, then User can change the stirring shaft easily. (Notice each label on the shaft, the label means the fixed position.)
8. Hold the main driver body and pull the stick under it to return it to the vertical position.
9. Press "JACK" button, the stirrer will go down to the low position and the flask will be covered with its lid for remaining the temperature inside the flask.
10. Press "STIRRER" button, and rotate "SPEED" knob to a suitable speed.

IV. CAUTION

1. FILL THE WATER AND THE TESTING SOLUTION CAREFULLY. DON'T DROP THEM OUT OF THE TANK OR ANY ELECTRONIC PARTS .
2. BE SURE THE WATER IS FULL WITH THE HEIGHT OF THE FLOATING BALL, BECAUSE "HEATER" ONLY CAN HAVE THE FUNCTION ON THE POSITION.
3. ALWAYS KEEP THE STIRRER SHAFT AT A VERCITAL CONDITION, AND REMEMBER TO TAKE OFF THE FLASK LID WHEN CHANGE IT.
4. AVOID ANY HEAVY PRESSING ON THE MAIN DRIVER BODY.

V. SETTING PLACE

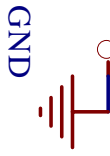
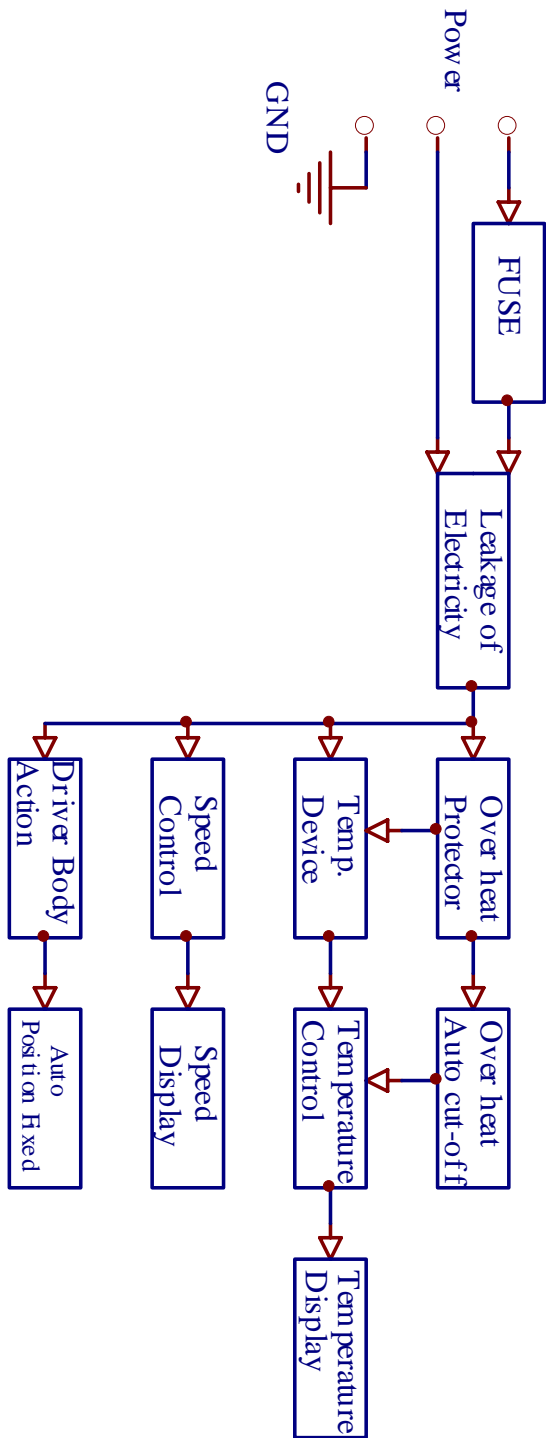
1. BE SURE TO SET THE MACHINE AT A FLAT AND DRY PLACE.
2. THE PLACE SHOULD BE EASY TO CLEAN -UP AND OPERATE THE MACHINE.
3. AVOID USING ONE MAIN POWER SUPPLY FOR THIS MACHINE AND OTHER MACHINE(S) AT THE SAME TIME.
4. AVOID FACING DIRECTLY TO AN AIR -CONDITION OR OTHER HEATERS.

VI. SELF CHECK

1. CHECK IF THE FUSE IS NORMAL.
2. CHECK IF THE WATER FLOATING BALL IS NORMAL.
3. CHECK IF THE HEATER CAN WORK NORMALLY.
4. CHECK IF THE TEMPERATURE SENSOR CAN WORK NORMALLY.
5. CHECK IF THE TEMPERATURE CONTROLLER CAN WORK NORMALLY.

**** PLEASE CONTACT WITH YOUR DISTRIBUTOR IF NECESSARY .
DO NOT OPEN THE MACHINE WITHOUT ANY HELP FROM THE
TECHNICAL ENGINEER UNDER A SPECIAL TRAINING. ****

VII. CIRCUIT DIAGRAM



STANDARD ACCESSORIES OF DISS-06

