Laboratory Equipment Manufacturer
www.mrclab.com

OPERATION & MAINTENANCE MANUAL

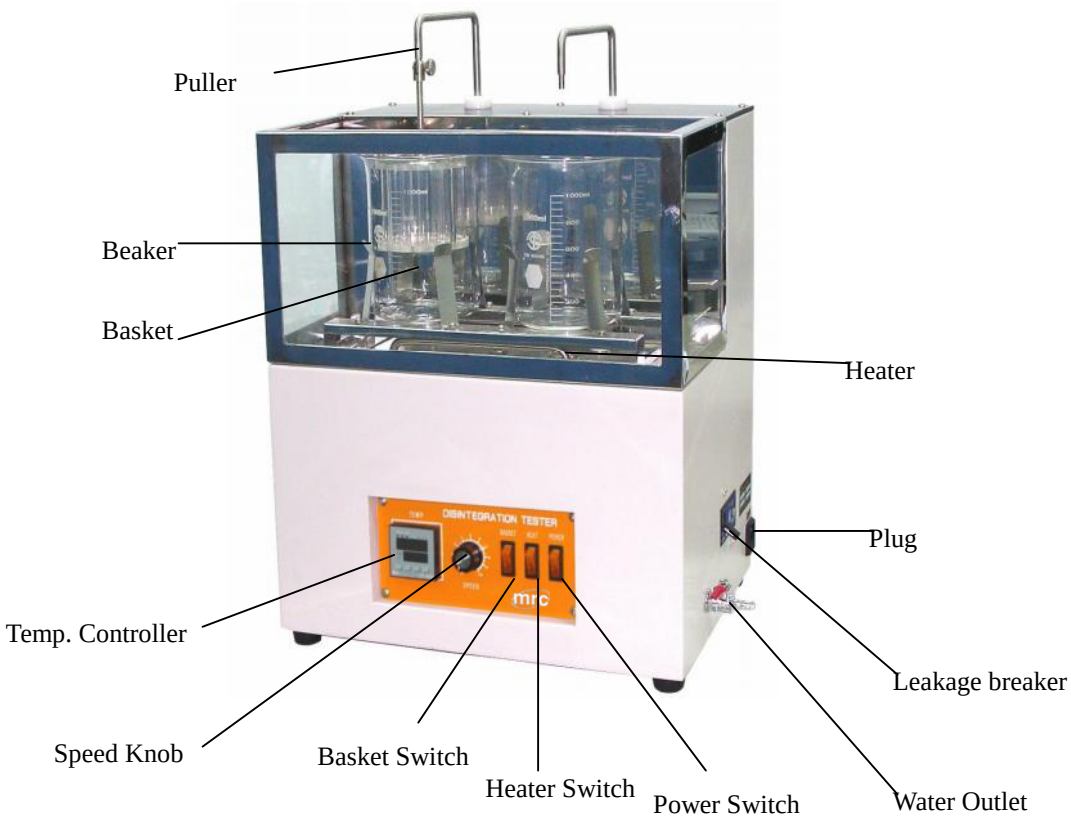
FOR

DINT-02

DISINTEGRATION TESTER

READ THIS OPERATION MANUAL BEFORE USE.

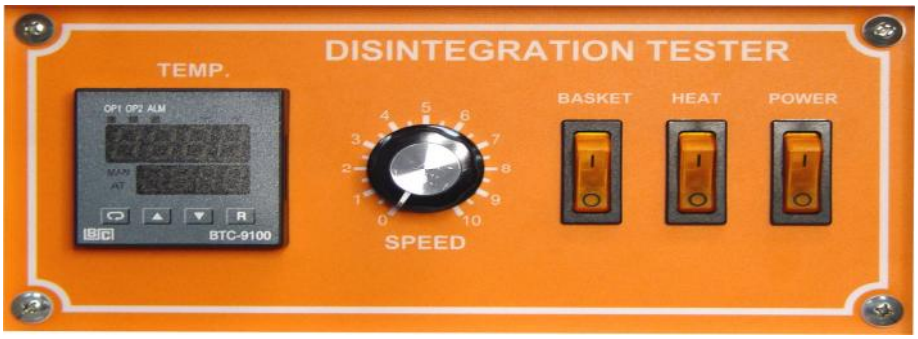
(I) STRUCTURE



( ) SPECIFICATIONS

Model	DINT-02
Speed (rpm)	5~40 rpm, Stroke: 55mm
Motor	6W
Voltage	AC 220V, 50 / 60 Hz
Heater	600W
Dimension (mm)	W470 x D325 x H555
Weight (kgs)	22

(III) OPERATION



1. Put the instrument at one flat and stable place, use a leveler to adjust tank's cover.
2. Plug in with the power. (Be sure the power system is correct to the machine.)
3. Fill the water into the tank (It's better to use the distilled water or pure water for keeping the inside of tank clean.), also fill th e flask with the testing solution.
4. Push up the leak breaker to be "ON".
5. Turn on the power switch. ("POWER" lamp will light.)
6. Turn on the heater switch. ("HEAT" lamp will light.), and the pump will start working automatically at the same time for keeping an even temperature. Then adjust by pressing ▲ ▼ buttons for getting the desired temperature. It starts heating when the indicating lamp of "OP1" is light.
7. Temperature controller shows the real temperature inside the tank and the set temper ature. When the real temperature is different from the temperature inside the flask, User can press ⟲ button to enter to SH. F and then to adjust by pressing ▲ ▼ buttons for doing a temperature difference correction. Press R to finish the correction. For ex ample : Getting temperature 37.2 ℃ inside of the flask by a temperature meter measurement, but the temperature controller of the machine displays 37 ℃, that means the value for SH. F should be set with 0.2.
8. Turn on the basket switch and adjust the speed kn ob to a proper speed, then the machine can star t to work.

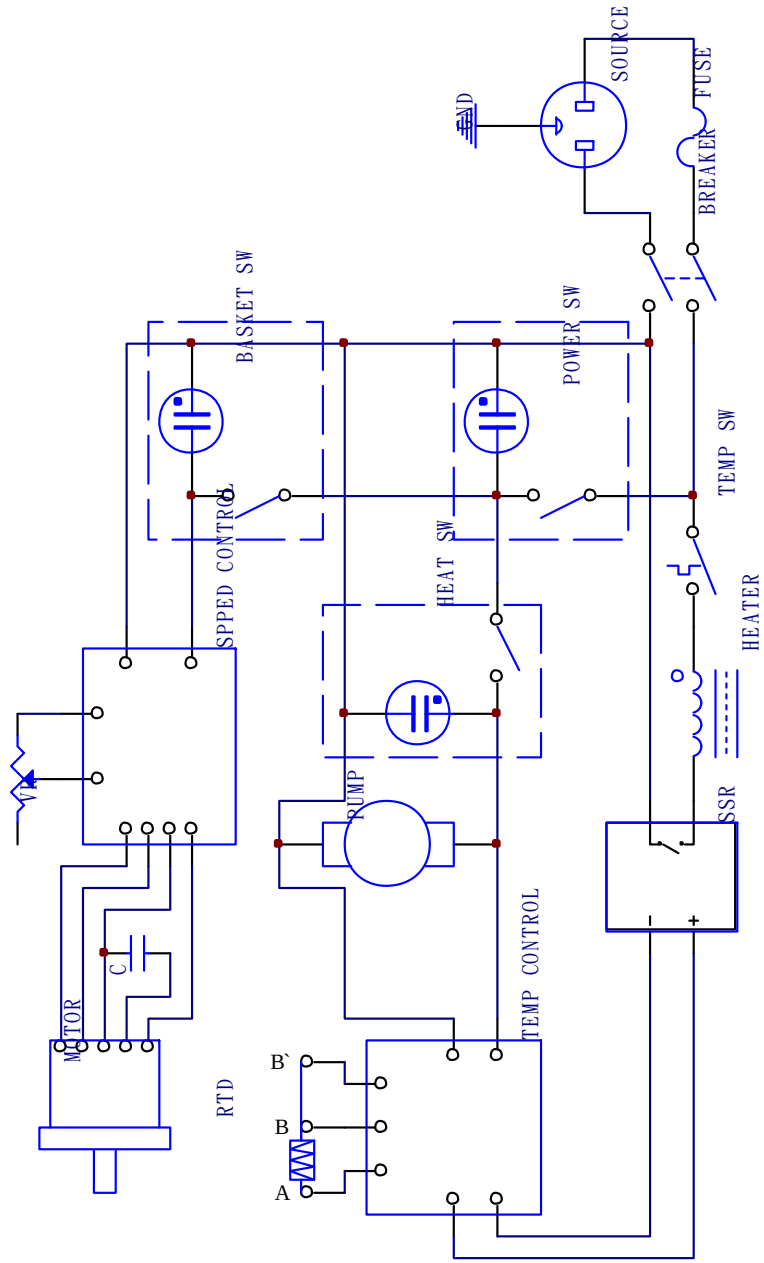
(IV) CAUTION

1. The water height inside the tank should be higher than the heater. If not, the heater will burn out.
2. The puller can be pulled up and stay there for loading the testing samples easily, then User just need clap on the puller's back part slightly till it is released to go down and start the machine running again.
3. When the machine happens an electric leakage, the breaker will cut off the power automatically
4. It's important to do the leak break test every month for ensuring the device is normal.
5. Fill the water and the testing solution carefully. Don 't drop them out of the tank or any electronic parts

(V) SELF CHECK

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

(VI) CIRCUIT DIAGRAM



MRC LTD -HAGAVISH 3, HOLON ISRAEL
Tel: 972-3-5595252, Fax: 972-3-5594529
E-mail: mrc@mrclab.com ● Web. Site: www.mrclab.com