



Laboratory Equipment Manufacturer

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Electronic Dry Cabinet

Operation Manual

Model: **DYC-SS/US series**

DYC-SS - 5% RH
DYC-US - 2% RH



DYC-68



DYC-82



DYC-116



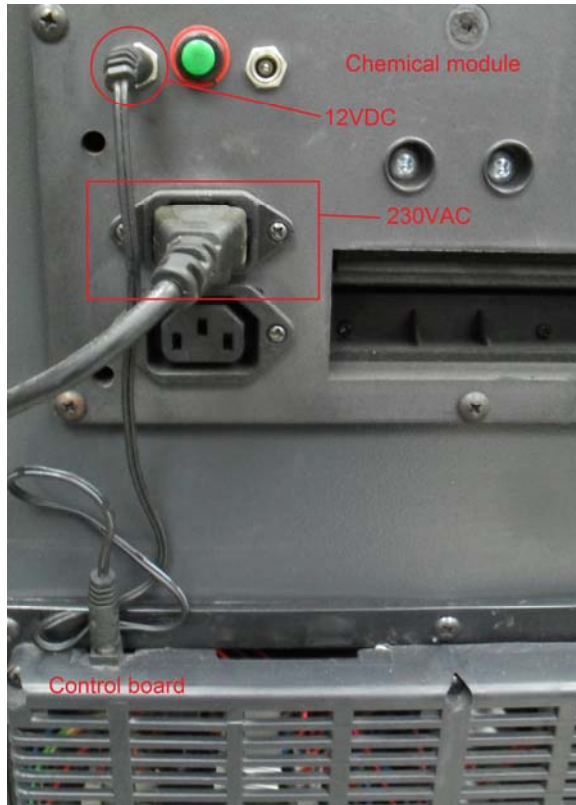
DYC-141

PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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MRC.VER.01-5.14

Installation:



- Connect the 12V DC cable from the control board to the chemical module's socket on the back side of the instrument
- Connect the 230V AC cable from the control board to the chemical module's AC socket on the back side of the instrument

- Connect the Dry cabinet's main plug to the power outlet
- Turn on the Dry cabinet

Operation:

Set up %RH

Press "SET" the display will show as below:

SRH 40%RH

Press \triangle & ∇ key to change the setting at 20~60%RH range.

Press "SET" to save the setting.

Set up Time

NOTE: IF THERE IS A POWER FAILURE OR UNPLUGGED, USERS HAVE TO SET UP THE TIME. IF THE PRODUCT CAN BE CONNECTED TO PC, THE TIME WILL BE AUTOMATIC SET BY SOFTWARE.

Press "RESET" the display will show as below:

SY 00 (This is for the setting of "Year".)

Press Δ & ∇ key to change the setting at 0~99 range for year 2000 ~2099.

Then press "SET" to save setting, the display will show as below

SM 01 (This is for the setting of "month".)

Press Δ & ∇ key to change the setting at 01~12 range for month JAN ~DEC.

Then press "SET" to save setting, the display will show as below

SD 01 (This is for the setting of "Date".)

Press Δ & ∇ key to change the setting at 1~31 range for date 01 ~31.

Then press "SET" to save setting, the display will show as below

SH 01 (This is for the setting of "hour".)

Press Δ & ∇ key to change the setting at 00~23 range.

Then press "SET" to save setting, the display will show as below

SN 01 (This is for the setting of "minute".)

Press Δ & ∇ key to change the setting at 00~59 range.

Then press "SET" to save setting, the display will show as below

Set up Data Logger

SST 005m (This is for the setting of recording interval.)

Press Δ & ∇ key to change the setting at 01~59 range. After the display reached 59m keep on press Δ key, the recording interval will become 1 line of record per hour(s).

Then press "SET" to save setting, the display will show as below

SRV NO (This is for the setting of recording function on or off.)

Press Δ & ∇ key to change the setting "NO" for function off and "YES" for on.

To clear logged record, turn off then on the recording function.

Then press "SET" to save setting, the display will show as below

NOTE: EVERY LCD DISPLAY DRY CABINET HAS BUILT IN UP TO 8192 LINES DATALOGGER. TO READ LOGGED DATA, PRESS Δ KEY TO READ THE FIRST LINE (DISPLAY SHOWS: V0000). PRESS ∇ KEY TO READ THE NEXT LINE. IF THERE IS NO DATA IN THE LOGGER, THE DISPLAY WILL SHOW "NO DAT".

Set up %RH Alarm

ALM NO (This is for the setting of alarm function on or off.)

Press Δ & ∇ key to change the setting "NO" for function off and "YES" for on. Then press "SET" to save setting, the display will show as below

Set up High %RH Alarm

HR 10%RH (This is for the setting of alarm if higher than preset value.)

Press \triangle & ∇ key to change the setting at +1~+10%RH range for alarm turn on.

Then press "SET" to save setting, the display will show as below

HRH 01H (This is for the setting of duration "hour" when exceed preset value.)

Press \triangle & ∇ key to change the setting at 0~99 range for 0~99 hours.

Then press "SET" to save setting, the display will show as below

HRM 00M (This is for the setting of duration "minute" when exceed preset value.)

Press \triangle & ∇ key to change the setting at 0~59 range for 0~59 minutes.

Then press "SET" to save setting, the display will show as below

Set up Low %RH Alarm

LR 10%RH (This is for the setting of alarm if higher than preset value.)

Press \triangle & ∇ key to change the setting at -1~-10%RH range for alarm turn on.

Then press "SET" to save setting, the display will show as below

LRH 01H (This is for the setting of duration "hour" when exceed preset value.)

Press \triangle & ∇ key to change the setting at 0~99 range for 0~99 hours.

Then press "SET" to save setting, the display will show as below

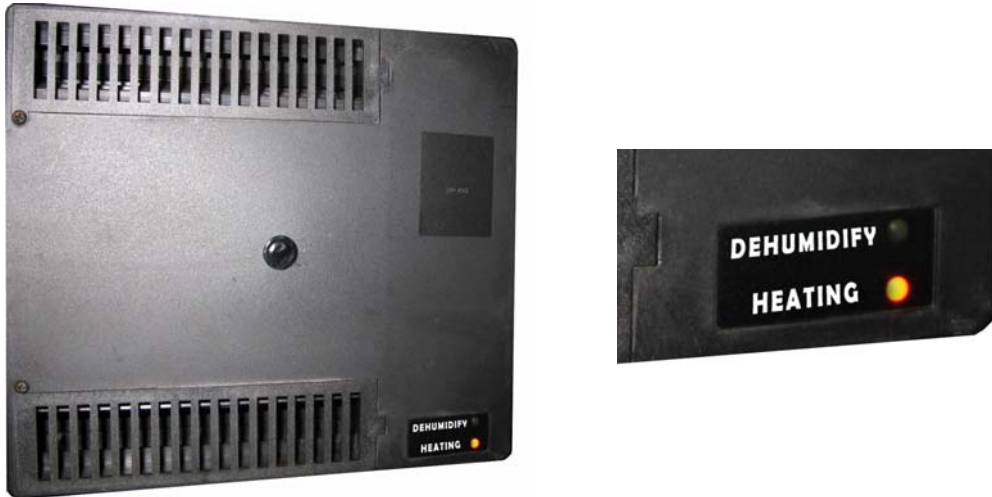
LRM 00M (This is for the setting of duration "minute" when exceed preset value.)

Press \triangle & ∇ key to change the setting at 0~59 range for 0~59 minutes.

Then press "SET" to save setting, the display will show as below

NOTE: WHEN THE %RH OVER OR BELOW ALARM ON VALUE AND LAST LONGER THAN PRESET TIME, THE DISPLAY WILL FLASH AND BUZZ ALARM WILL ON.

Chemical module:



- Upper (Dehumidify): Green led light-Dehumidify light
- Down (Heating): Red led light- The desiccant heating light.

When red led light is operating, the back of switch box sealing gate will delay about 3-5 minutes to open the gate, let the desiccant heating, and it can evaporate the humidity. If the switch box sealing gate can not open, then we can judge the chemical module is out of order.

Spare parts list:

1. Display PCB
2. Membrane key pad
3. Power PCB
4. Heat sink cooling fan
5. Fuse (20mm 250VAC 1A)
6. Power cord
7. Dehumidify module housing (for SS/US series)
8. Cooling chip