QUICK START GUIDE

For detail operation procedure, please download the manual from software CD!!

INSTALL THE SOFTWARE

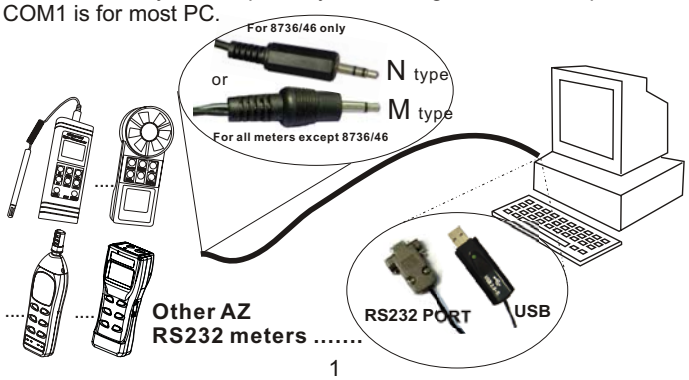
Insert the RS232 software CD then the installation program should start automatically.

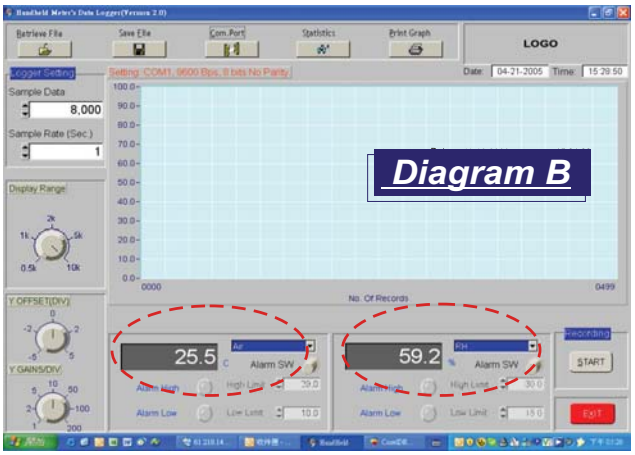
A) Install Software : Run the set up installation program
B) Brow CD-ROM : Browse the CD-ROM using Windows
C) Manual : To view the detail operation manual
D) Exit : Exit the software installation
E) USB Driver : Install USB Driver. For USB cable, be sure to install corresponding driver per your O/S.

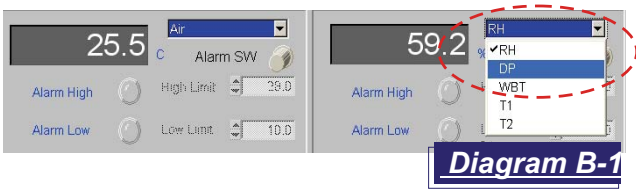
Note:
Need Windows operation system above XP with at least one available COM. Port.

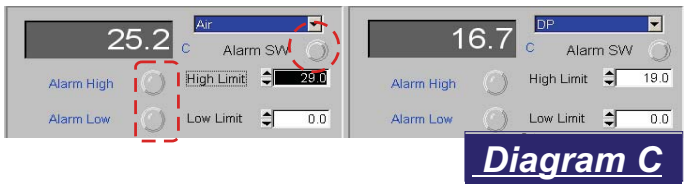
ATTACH THE CABLE

Fit the cable to your computer by connecting it to the serial port. Usually COM1 is for most PC.





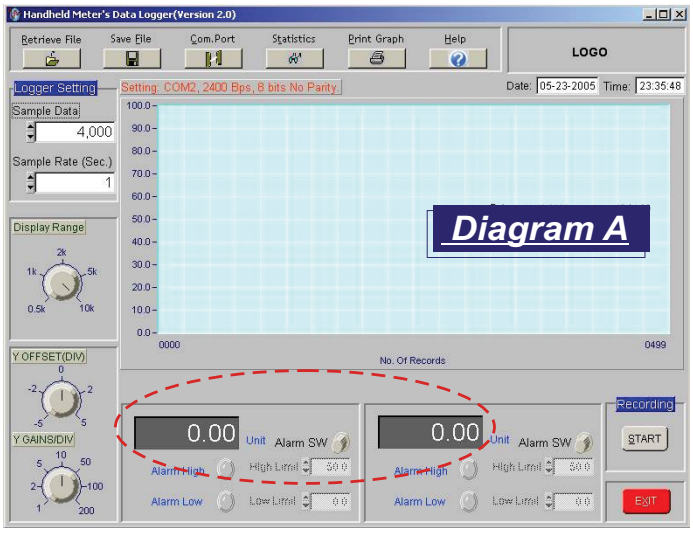




- Real time "Air" temperature shows at the left side temperature block (Diagram D).
- Alarm will be sparkling in red if a measured value exceeds the high limit or below the low limit (Diagram D).

MAIN SCREEN

When you enter the program but without any meters connected, the reading in two blocks showed without title. (Diagram A)

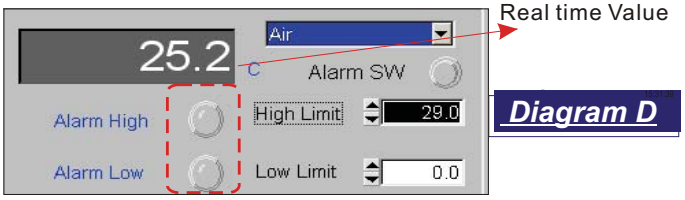


EXAMPLE: Psychrometer (Dual K Type Input)

While 8746 connecting with your PC , you will see "Air" and "RH" displayed. (Diagram B)

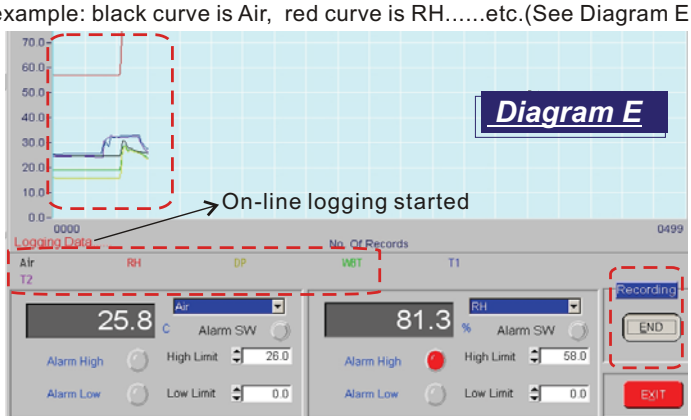
Left Side :Display AIR Temperature
Right Side : Display RH (Humidity Value)

- If a meter could export more than two parameters, users could choose any two of them to set alarm values.(Diagram B-1)
- Click " Alarm SW" button to active the limit setting (Diagram C). Afterwards, High/ low limit can be keyed in directly or by clicking ▲ to increase or ▼ to decrease figures.



START RECORDING

Press START button or **Alt+S** to active the recording. When starting, the text "Logging Data" will appear on the left corner of the graphic. All parameters will show with different color curves. Different color texts show below the chart indicate the meaning of each curve. For example: black curve is Air, red curve is RH.....etc.(See Diagram E)



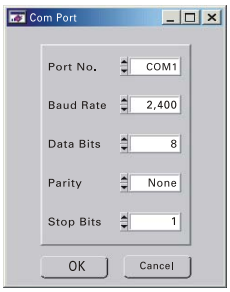
RETRIEVE FILE

1. Clicking " Retrieve File" on the tool bar or press **Alt+R**.
2. Double-click the folder that contains the document you want to open. Click the document name, and then click OK.
3. All documents are saved as *.txt file types, no other types are valid.

SAVE FILES

1. To save a file, you could click " Save File " or press **Alt+F**.
2. You can save the recorded data with a new name by editing a new name in file name block.
3. After saving the file, more statistics or analysis can be done with other programs.

COM. PORT SETTING



✓Click **"Com. Port"** on the menu bar, or press **Alt + C** simultaneously to enter **Com. Port** setting.

✓Set up **RS232** port, Baud rate, Data bits, Parity and Stop bits.

✓Generally it is **COM1** for PC. It is up to **COM4** in this program.

✓Click **"OK"** to save the setting or **"CANCEL"** to exit without saving.

Product	Baud Rate	Data Bits	Stop Bit	Cable	Product	Baud Rate	Data Bits	Stop Bit	Cable
Manometer 8205/15/30/ 100/52	2400	8	1	M	Anemometer 8901/03/04/06	2400	8	1	M
PH/mV Meter 8601	2400	8	1	M	DO Meter 8401/02/03	9600	8	1	M
Sound Level Meter 8921/8922	2400	8	1	M	Anemo-Psychrometer 8911/8912	9600	8	1	M
Hygro-Thermometer 8711/8721	1200	7	1	M	IR Psychrometer 8857	9600	8	1	M
Thermometer 8852/8856 8851/8855	2400	8	1	M	Psychrometer 8736/8746	9600	8	1	N
WBGT Meter 8758/8778 87782/87785	9600	8	1	M	Conductivity 8301/2/3/5/6	9600	8	1	M
pH/ORP Meter 8651/8551	9600	8	1	M	CO_2 Meter 772X, 775X, 7753X, 7723X	9600	8	1	M
Benchtop Meter 8650X/8655X	9600	8	1	M					

LOGGER SETTING

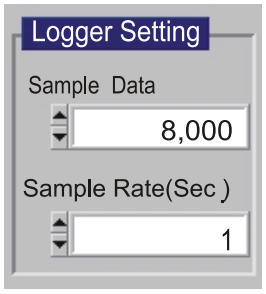
There are 3 settings at the left side of the screen:
(1)Logger Setting, (2)Dispaly Range and (3)Display Control.

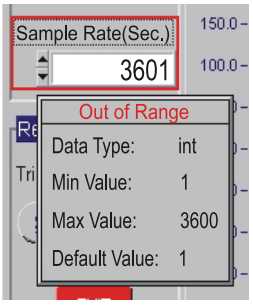
(1)Logger Setting

✓Sample data: 2000, 4000, 6000, 8000, 10000 records.

✓Sample rate (Second): 1~3600.

✓If the rate entered is out of the range, an "out of range" chart will appear and show the valid min. & max. values.





(2)Display Range

There are 5 ranges: 0.5K(500), 1K, 2K, 5K, 10K for setting the division of the number of reading records shows on the screen.

FOR EXAMPLE : If the screen shows display range indicator on "0.5K". The screen will be showing from 0000 to 0499f for a total 500 records.



(3)Display Control (Y OFFSET/DIV , Y GAINS/DIV)

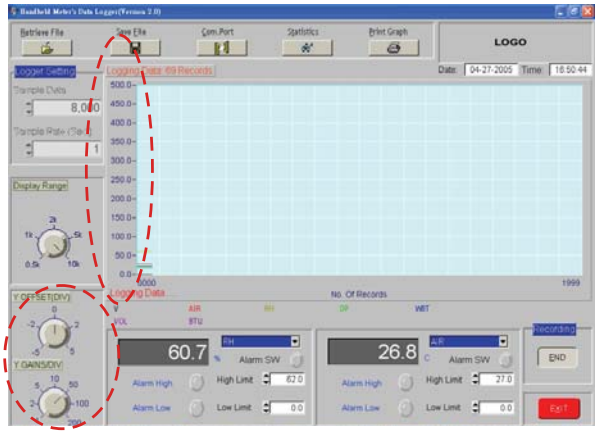
Y OFFSET/DIV

There are 5 ranges : -5, -2, 0, 2, 5 for setting the number of the start reading.

Y GAINS/DIV

There are 7 ranges : 1, 2, 5, 10,50, 100, 200, for setting the division of the start reading value.

FOR EXAMPLE: If the screen shows " **Y OFF"** set **as "0"** and **"Y GAIN " as "50"**, Y range will scrolls from "0", 50,100,150...and rated by "50" basis.



STATISTICS

Click **"Statistics"** on the menu bar or press **Alt + T** simultaneously to see statistics in histogram format

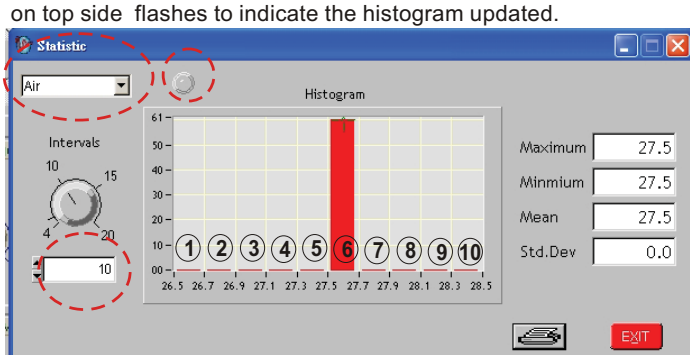
✓On the left up corner, you could choose which parameter you want to see its statical data.

✓The division of data can be set up from 4 divisions to 20 divisions.

✓Histogram will be automatically changed when you re-set interval.

✓Maximum, Minimum , Mean and Std. Dev (Standard Deviation) are automatically calculated and shown on screen in real time.

✓The statistical histogram updates every 10 seconds and the red dot on top side flashes to indicate the histogram updated.



PRINT

To click Print Graph on the tool bar. Or press **Alt + P** on the keyboard. To change printers. Click Properties, then select a printer in name.

HELP

If you have question about the operation, you could click HELP or press Alt+H to open the html file and find the detail content.

WARRANTY

The meter is warranted to be free from defects in material and workmanship for a period of one year from the date of purchase. This warranty covers normal operation and does not cover battery , misuse , abuse , alteration , tampering , neglect , improper maintenance , or damage resulting from leaking batteries . Proof of purchase is required for warranty repairs. Warranty is void if the meter has been opened.