

# Coating Thickness Tester

## Software Introduction

The Coating Thickness Tester software is a program for downloading data from the meter when it is connected to a Desktop or Notebook PC (Personal Computer). The data is displayed in a list, and includes other details about the set of readings. The software's functions are presented in the main window.

### Supported Operating Systems:

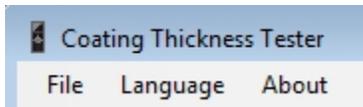
Windows 7, Windows 8.1, Windows 10

### Minimum Hardware Required:

Minimum hardware requirements:

- PC with Pentium 90MHz or higher
- 1 GB RAM
- Display resolution of at least 800 x 600 with High Color (16 bit)

# Main Menu



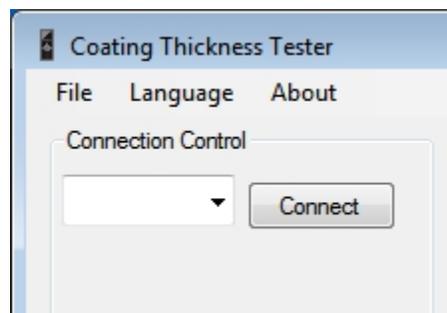
- **File**
  - Data Save As** Save the current group data as an Excel file(.xls)
  - Exit** Exit the program
- **Language**
  - English** Change program language to English
  - Chinese** Change program language to Chinese
- **About**
  - Help** Display the program Help text
  - About** Displays program version information

# Operation

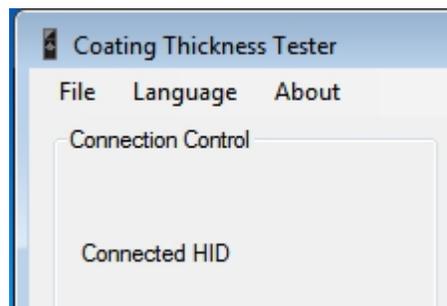
## Connect the Meter to the PC and Software

1. Turn on the meter
2. Connect the micro USB cable to the meter.
3. Connect the USB connector to a USB port on the PC.
4. Start the software.
5. If the meter is recognized by the Software, the program will indicate that the meter is "Connected HID". (HID - Human Interface Device)

Meter – Not connected

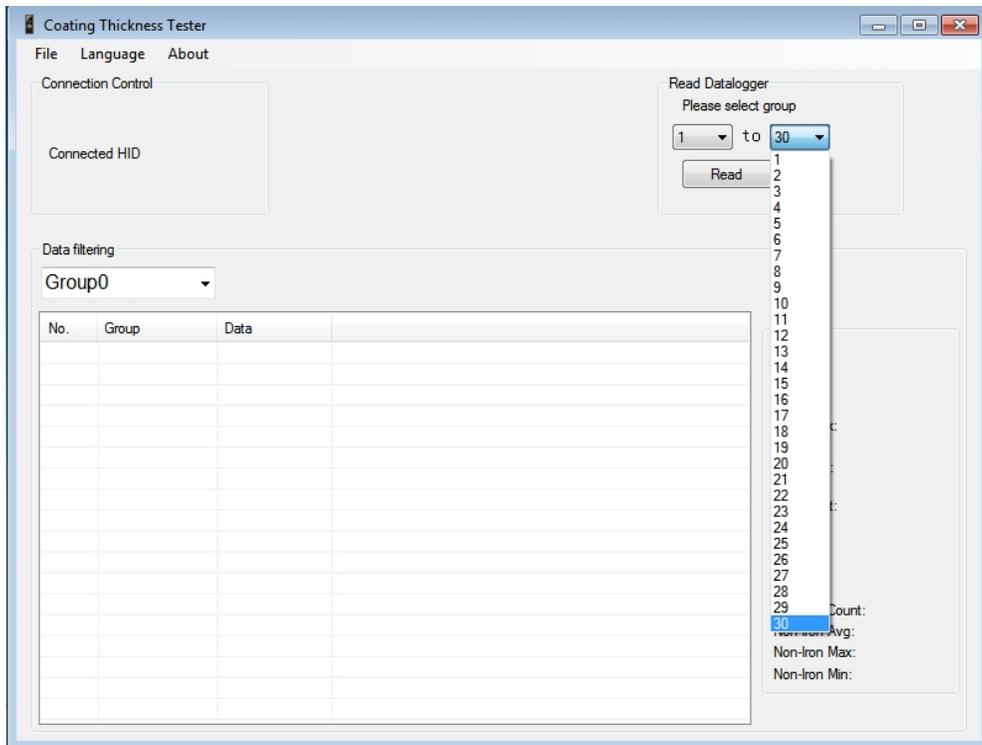
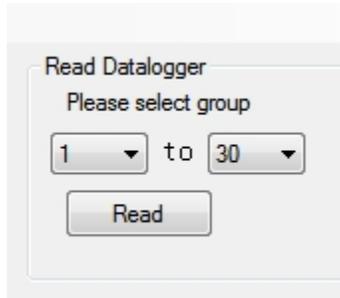


Meter – Connected



## Download Saved Data from the Meter

1. To download the saved data, Connect the meter and select the desired group or group range (30 max) under the Read Datalogger section.
2. Click the **Read** button.
3. The data saved from the group or groups selected will be downloaded to the software.



## Viewing Saved Data and Statistics

1. After a READ operation from Read Datalogger, Pick a group from the Data Filtering pull down menu.
2. The data will appear in the table.  
The data statistics will appear to the right of the table.

The screenshot displays the 'Coating Thickness Tester' application window. It features a menu bar with 'File', 'Language', and 'About'. The interface is divided into several sections:

- Connection Control:** A box labeled 'Connected HID'.
- Read Datalogger:** A section with the text 'Please select group' and two dropdown menus showing '1' and '30', with a 'Read' button below them.
- Data filtering:** A dropdown menu currently set to 'Group1(49)'.
- Data Table:** A table with columns 'No.', 'Group', and 'Data'. It contains 18 rows of data.
- Statistics:** A panel on the right side of the table displaying summary statistics for the selected group.

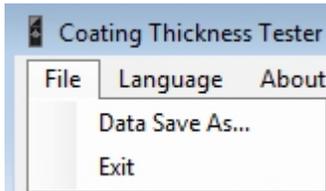
No.	Group	Data
1	Group1	Iron:1.50mm
2	Group1	Iron:--mm
3	Group1	Iron:--mm
4	Group1	Iron:1.10mm
5	Group1	Iron:1.10mm
6	Group1	Iron:1.11mm
7	Group1	Iron:1.11mm
8	Group1	Non-Iron:0.0um
9	Group1	Non-Iron:0.7um
10	Group1	Non-Iron:0.0um
11	Group1	Non-Iron:0.7um
12	Group1	Iron:1.09mm
13	Group1	Iron:1.10mm
14	Group1	Non-Iron:0.0um
15	Group1	Iron:0.7um
16	Group1	Non-Iron:502um
17	Group1	Non-Iron:501um
18	Group1	Non-Iron:755um

**Statistics**

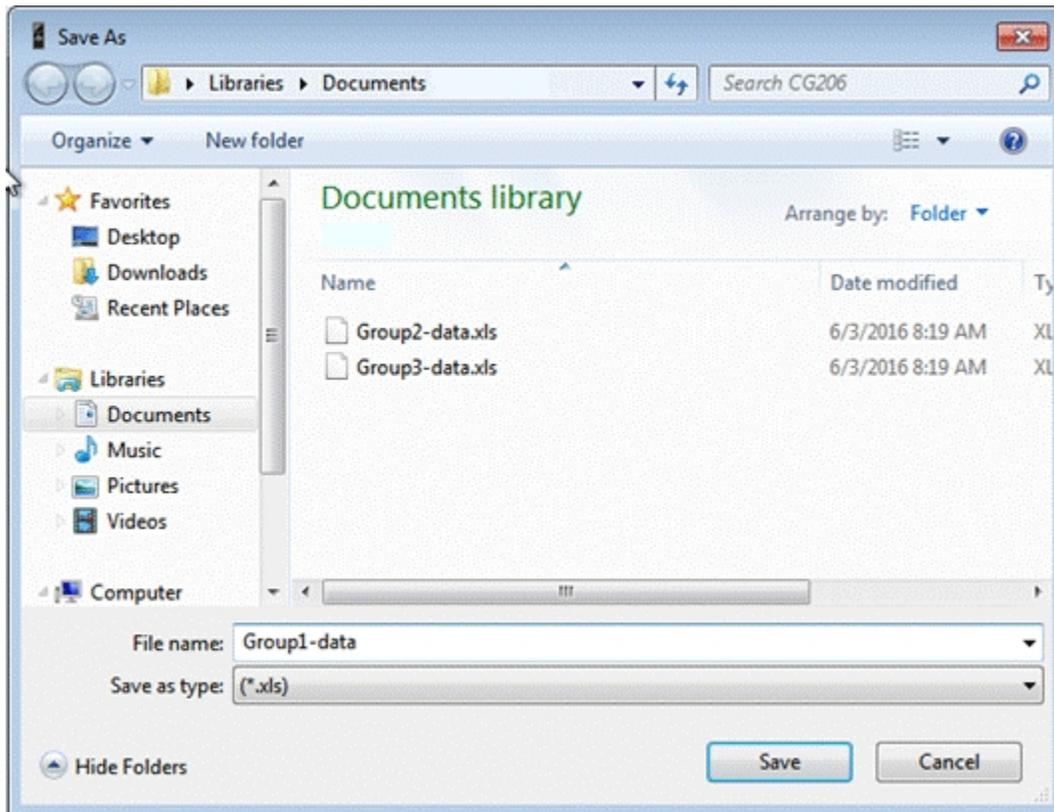
- Count: 49
- Avg: 428.4um
- Max: 1.5mm
- Max Index: 1
- Min: 0um
- Min Index: 8
- Iron Count: 28
- Iron Avg: 551.51um
- Iron Max: 1.5mm
- Iron Min: 0.7um
- Non-Iron Count: 19
- Non-Iron Avg: 292.08um
- Non-Iron Max: 1.37mm
- Non-Iron Min: 0um

## Data File Save

1. To save the data for a specific group to your PC, you must first select the group number from the Data Filtering pulldown.
2. Click the FILE menu and choose the “Data Save As...” option.



3. Name the file and save it using the default extension.  
The file will be saved with the “.xls” extension which can be opened with Excel.



Note: Data saved to the PC cannot be viewed by the software.  
You will need to locate the saved data file in your Documents folder and open it with Excel.