Leaptronix®

IWT-Series *.iwt File Conversion Manual

The convert software is used for converting the *.iwt files generated by IWT-RS232 Software and show the values of voltage of the waveforms and parameters.

Please first generate a *.iwt file with IWT-RS232 PC-Link Software and follow below instructions for converting.

Step 1.
Run the software, Impulse Surge Tester Convert.exe, as shown in Fig.1. The main screen shows as below picture. Please select the model name first. There will be buttons for Read Data, Save Data, Show on Memo, and Clear.

Click [Read Data] to open the *.iwt file for converting.

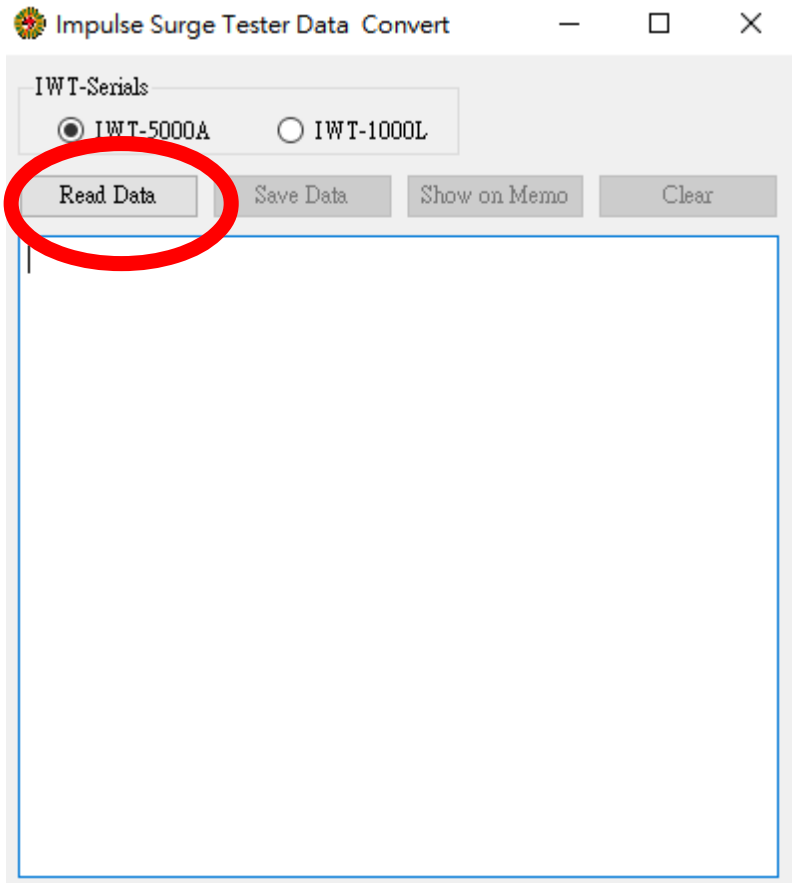

Fig. 1

Step 2.
The message as shown in Fig. 2 will appear and it means the converting process is completed. You can see the data in the software by clicking [Show on Memo] or save as .txt file by clicking [Save Data]

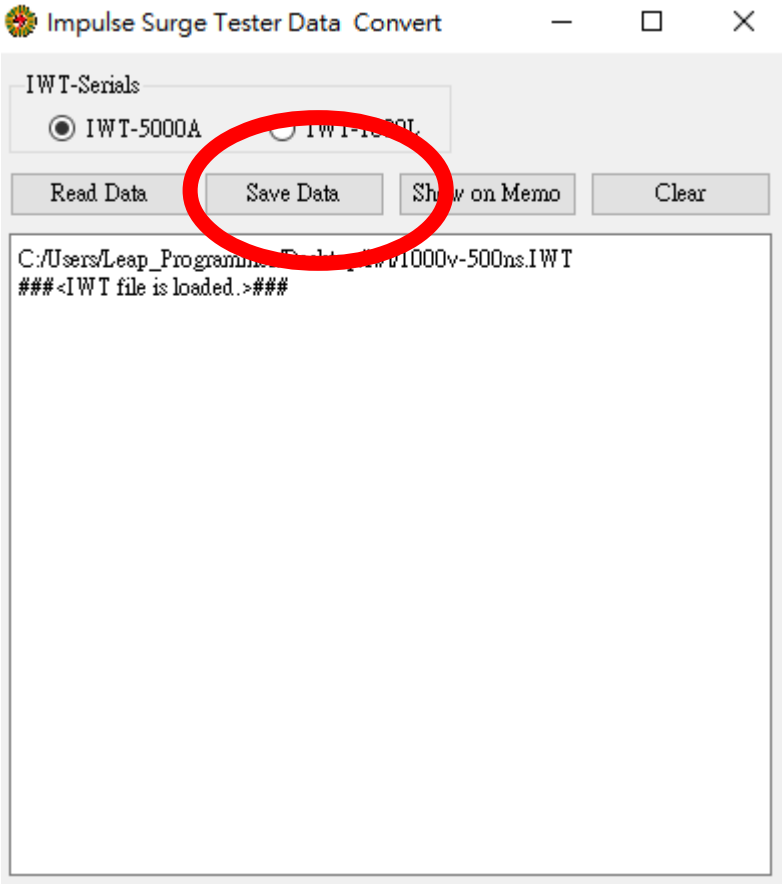

Fig. 2

Step 3.
The saved file format is *.TXT
You can convert to other file format with the *.txt file.

Step 4.
The values saved will be what's shown in Fig. 3. From top to bottom the values are the comparing parameters and actual waveform voltage values.

```
STEP-1-Info:
Voltage: 10000
Time/DIV: 1us
Time-of-set: 1
--------------
Area: ON
CursorL: 0
CursorR: 249
Max: 10%
--------------
D_Area: ON
CursorL: 0
CursorR: 249
Max: 10%
--------------
CoroN: ON
CursorL: 0
CursorR: 249
Max: 10
--------------
CoroS: OFF
CursorL: 0
CursorR: 249
Max: 10
--------------
[1]Voltage: -897.400 v
[2]Voltage: -1102.520 v
[3]Voltage: -1512.760 v
[4]Voltage: -1564.040 v
[5]Voltage: -1769.160 v
[6]Voltage: -1923.000 v
[7]Voltage: -1974.280 v
[8]Voltage: -1974.280 v
[9]Voltage: -2025.560 v
[10]Voltage: -2179.400 v
[11]Voltage: -2230.680 v
[12]Voltage: -2230.680 v
[13]Voltage: -2333.240 v
```

Fig. 3