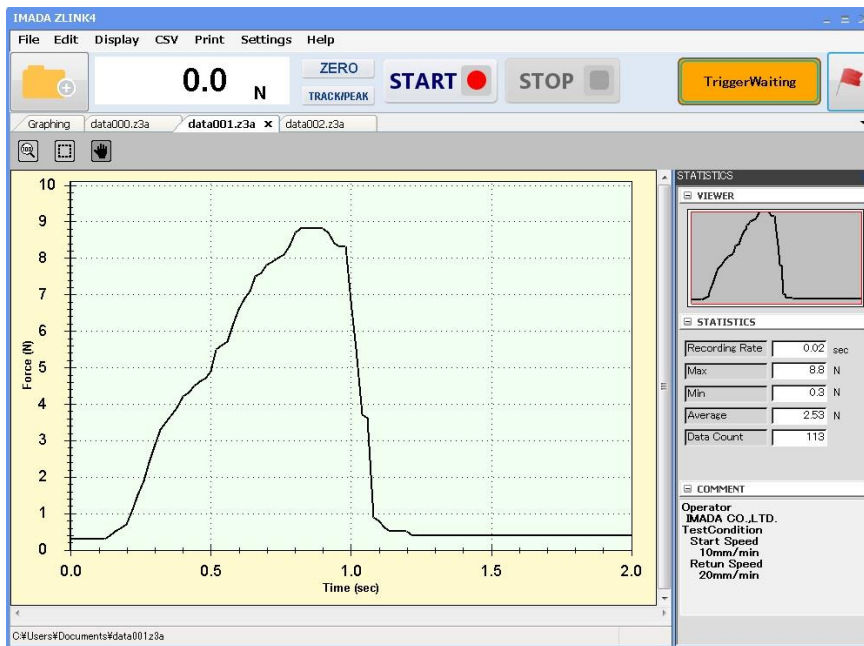**SCHMIDT**
control instruments

# Force-Time Graphing Software
# ZLINK4

- **Data can be transmitted to plot the force-time graph easily.**
- **Trigger function enables to start/stop recording automatically.**
- **Automatic save function can secure data with ease.**



**Display image**

| Main Functions | |
|---|---|
| Trigger function | Data can be recorded automatically by setting up the START/STOP value. |
| Graph scaling function | The graph can be zoomed in/out, or scroll to check the details. |
| Statistical calculation | Maximum/minimum/average values are automatically calculated. |
| Comment function | Comments can be inserted on the graph to record the test condition. |
| Print | Graph, statistics value and comment can be printed out as report format. |
| CSV fule converting function | Recoreded data can be converted into CSV format. |
| Preview saving function | Graph can be saved in various format. (e.g. Word, Excel and PDF) |
| Force gauge setting | The setting of DSV/DST series force gauge can be changed via software. |

## [Software Display Function]
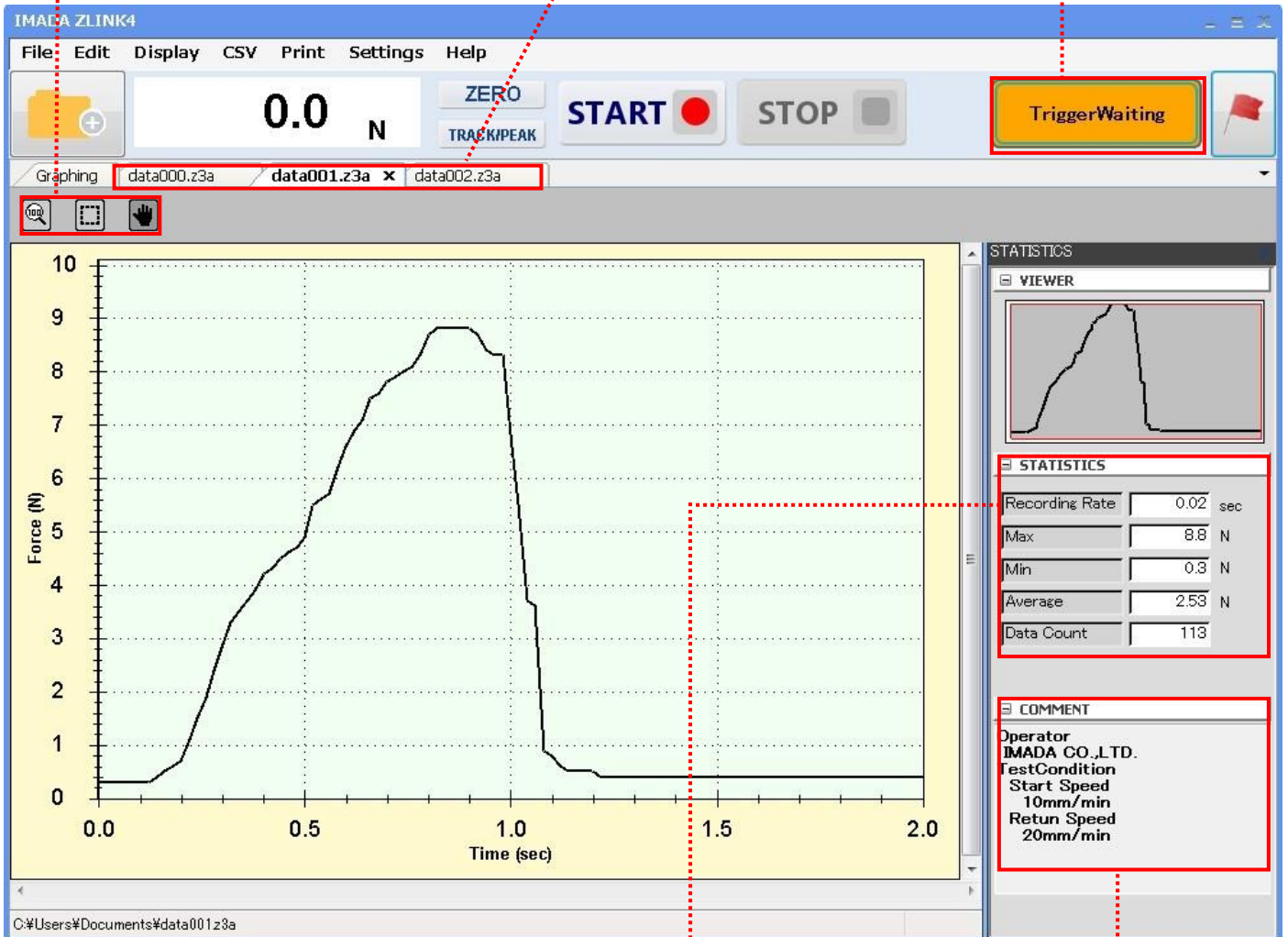
**- Graph zooming function**
The graph can easily zoom in/out and scroll for analyzing.

**- Tabs**
You can compare different graphs easily.

**- Trigger function**
The software will automatically record the graph according to the set value.



**- Statistical calculation**
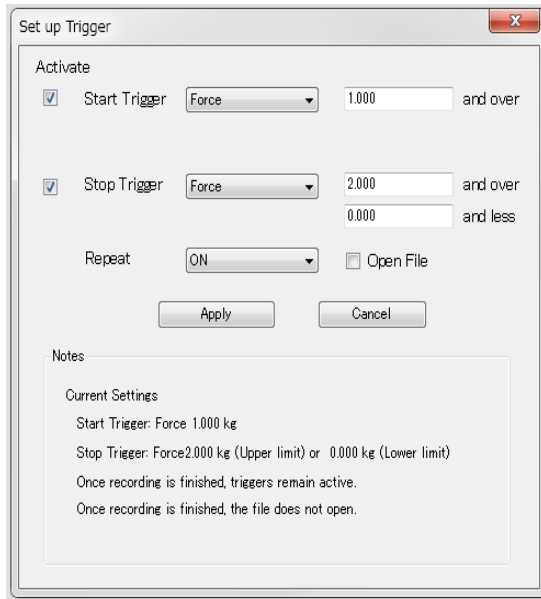Max, Min, and Avg values can be automatically calculated.

**- Comment function**
You can insert necessary comments to the graph for easy record.
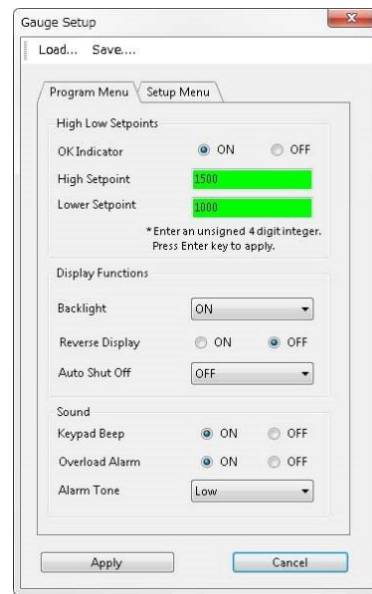
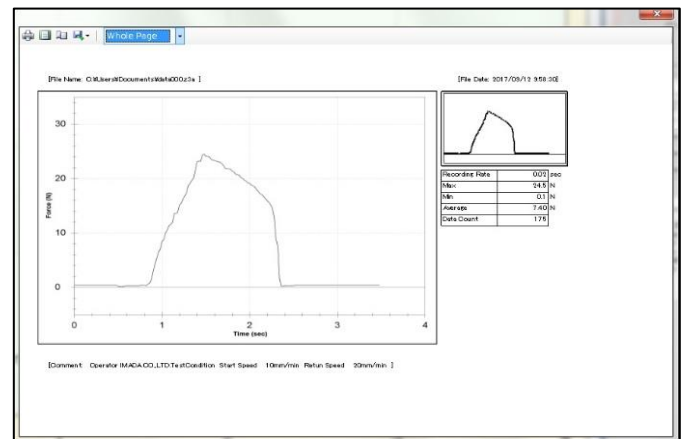| Other Features | |
|---|---|
| **Trigger function**<br>The software can automatically start/stop recording according to the set values. Time can be also set as the trigger. | **Force gauge setting**<br>When connecting the software with a DSV/DST force gauge, the setting can be changed from the software. |



| Output Functions | |
|---|---|
| **CSV format converting**<br>- Recorded graph data can be converted into CSV format.<br>- It is also possible to add new data to an existing CSV file. | **Print/Data output**<br>- Recorded data can be saved as Word, Excel, and PDF format.<br>- Graphs can be use as image files and paste into file.<br>- The recorded data can be print out with graph, date, time, statistical value, and comments to form a complete report. |

| Specifications | |
|---|---|
| Model | ZLINK4 |
| Sampling rate | Max. 50 data/sec (50Hz) |
| Resolution | Force resolution is determined by a force gauge's capacity. (Signed 4-digit)<br>(e.g. For force gauge with capacity 5N, the resolution will be 0.001N) |
| Functions | Trigger function, Statistics calculation, CSV format conversion, Printing, Displaying data recorded in ZLINK3 (*1)<br>Comment function, Force gauge setup (*only for DST/DSV series) |
| Output | Word, Excel, PDF format |
| Languages | Japanese, English |

| Compatible force gauges (Existing model) | DST/DSV series<br> | | | |
|---|---|---|---|---|
| Required cables | Supplied USB cable | | | |

| Compatible force gauges (Old models*2) | DS2 series<br> | Z2/ZP series<br> | HTG2 series<br> | DTX2 series<br> |
|---|---|---|---|---|
| Required cables | Optional cable CB-203 | Optional cable CB-204 | Optional cable CB-204 | Optional cable CB-204 |

\* Contact us for compatibility of other models.

*1 You can convert data recorded in ZLINK3-E into ZLINK4 format using a supplied converting software.

*2 Old models require RS-232C cables.

| Operating Environment | |
|---|---|
| OS | Windows 8.1/10/11 |
| Hardware | CPU: 1GHz or higher<br>Memory: 2GB or more<br>Hard disk (Data storage area) :10GB or more |
| Platform | Microsoft .NET Framework 4.6 or later |
| Execute environment | Microsoft Internet Explorer 6.0 or later<br>Windows installer 3.1 or later |
| Image size | Resolution 1024×768 pixel or more |