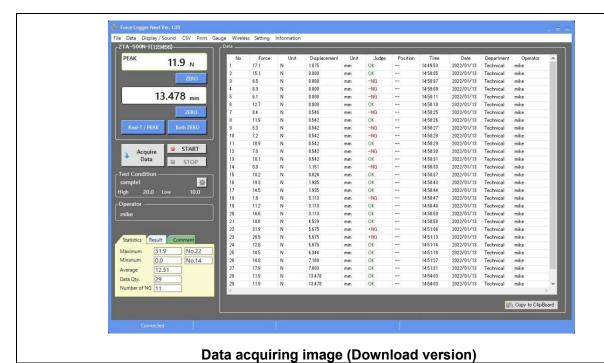


# Data Acquisition Software Force Logger Series

- -Acquires single and continuous data to show on the Data Table
- -Easy to report the test results by print, copy to clipboard and CSV export functions
- -Able to import/save internal memory data and manage settings of measuring devices
- -Operation history tracking and password protection possible for security (Download Version only)



\*Please download the free software Force Logger Download Version (only applicable with firmware older than Ver.5 ZTS/ZTA, HTGS/HTGA, eZT series products) via https://www.imada-connected.com/.

Easy to get your desired data			
Selectable display items	Easy pass-fail judgement		
Select your desired data items to Number	Shows pass-fail result in different color	OK	
show on the Data Table and save.	for quick judgement. Moreover, buzzer sounds when the tested data is [NG]	OK	
✓ Displacement Unit	by buzzer setting.	OK	
Judge		-NG	
✓ Position ✓ Time		-NG	
Date Operator		-NG	
*The selectable items may be different depending on	*The high/low setpoints setting of measurir	g devices is	
the measuring devices model.	required for pass-fail judgement.		



### Easy to manage test conditions and results

#### Select/edit/add/save test conditions freely

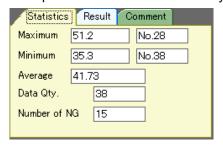
The test conditions such as high/low setpoints for pass-fail judgement are selected, edited, added and saved freely. It is useful for multiple type samples testing.



\*This function is only for Download Version in Wired Mode.
Old model measuring devices are not able to use it.

## Manage tested data easily

The pass-fail percentage as well as the statistics including the Max, Min, and Ave. values are calculated and showed automatically. It helps you get the whole picture of the test results easily.

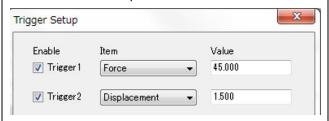


\*The statistics is results of force or torque values.

# Enhance testing efficiency

#### Automatic data acquisition (Trigger setup)

By trigger setup data acquisition starts automatically. It is useful when you want to start data acquisition at a certain force or displacement value.



\*This function is only valid in Wired Mode. Old model measuring devices are not able to use it.

### Change/save device setting (Gauge setup)

Set/save the measurement devices' settings via software for easy management.

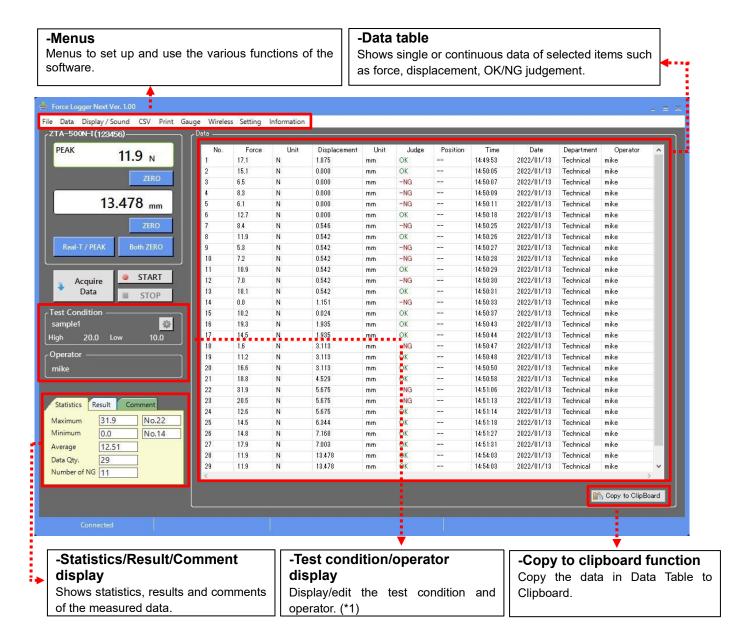


\*This function is only valid in Wired Mode. Old model measuring devices are not able to use it.

#### Easy to report test results **Export to CSV Print data** Maximum No 28 Minimum 40.35 Average Statistics Data Quan Number of 16 No Force Unit Displace me Unit Judge Date 11:12:47 2018/8/1 11:12:48 2018/8/1 1.545 mm 40.6 N 1.583 mm ОК 11:12:49 2018/8/1 11:12:50 2018/8/1 49.1 N 1.559 mm OK 50.8 N 1.541 mm 1.549 mm '+NG 11:12:51 2018/8/1 11:12:52 2018/8/1 42.9 N 1.556 mm '-NG 11:12:53 2018/8/1 Data on Data Table← \* This software saves file in a dedicated format ".flps".



# [Main display]



<sup>\*</sup>This main display is for wired mode which is different from wireless mode.

<sup>\*1</sup> It is only for download version.



Operating Environment				
Model	Force Logger Next (Download Version)	Force Logger (CD Version)		
	(Download version)	(CD version)		
Operating environment	OS: Windows10/11	OS: Windows 8.1/10/11		
Hardware	CPU: 1GHz or higher Memory: 2GB or more			
	Hard disk: 10GB (data storage) or larger			
Platform	.NET Framework4.8 or later	.NET Framework4.6 or later		
Image size	Resolution 1024x768 pixel or more			

Main Functions		
Acquire/Open/Save data	Single and continuous data (real time testing data, internal memory data of devices, data files) can be acquired/opened/saved.	
Device setting	The setting of device can be changed/saved via software.	
Trigger function	Data can be recorded automatically by setting up the START/STOP value.	
Test condition	The test conditions such as high/low setpointscan be selected, edited, added and saved.	
Operator management	The operator can be selected, edited, added and saved.	
Statistical calculation	Max/min/average values are automatically calculated.	
Pass-fail judgement	Shows the pass-fail result of each recorded data clearly.	
Comment	Comments can be inserted to the recorded data.	
Print	Graph and statistics value can be printed out as report format.	
CSV file converting	Recorded data can be converted into CSV format.	
Operation history tracking	Operation history can be recorded by log settings.	
Password function	To avoid unnecessary login, user ID and password is required when login.	

Applicable functions comparison chart				
Version/mode	Download version	CD version		
Acquire single data	$\checkmark$	$\sqrt{}$		
Acquire continuous data (Data transfer speed)	$\sqrt{\text{(Max. 10 data/sec for wired mode,}}$ fixed 4 data/sec for wireless mode)	√ (Max. 10 data/sec for wired mode, fixed 4 data/sec for wireless mode)		
Import / Delete internal memory data	$\sqrt{\text{(wireless mode N/A)}}$	√ (wireless mode N/A)		
Device setting	$\sqrt{\text{(wireless mode N/A)}}$	√ (wireless mode N/A)		
Trigger function	√ (wireless mode N/A)	√ (wireless mode N/A)		
Manage test condition	√ (wireless mode N/A)	N/A		
Manage Operator	√	N/A		
Statistical calculation	√	√		
Pass-fail judgement	√	√		
Comment	√	√		
Print	V	√		
CSV file converting	V	√		
Operation history tracking	<b>V</b>	N/A		
Password function	V	N/A		

<sup>\*</sup>Some functions are not applicable for wireless mode. Please refer to the chart for details.



Compatible Measuring Devices			
Digital Force Gauge	Digital Force Gauge	Desk Type Load Cell Amplifier	
ZTS/ZTA series	DST/DSV series	FA Plus2/eFA Plus2	
		O <sub>R</sub> O CO	
Handheld Type Torque Gauge	Screw Cap Torque Tester	Sensor Interchangeable Amplifier	
HTGS/HTGA series	DTXS/DTXA series	eZT	

<sup>\*</sup>Old models DS2/ZP/Z2/HTG2/DTX2 series are also compatible by using RS-232C communication. Some functions such as force gauge settings and memory data export are not able to use. Moreover, sold separately RS-232C cable is required (DS2: CB-203、ZP/Z2/HTG2/DTX2: CB-204).

# [Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- A force gauge (sold separately) is required to use this product.
- This product is protected by Universal Copyright Convention and Japanese Copyright Act.
- Returns are not acceptable. Check the specification, working conditions and operating environment before purchase.
- -The image is for reference only. It may be different depending on version and settings.

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Website: https://www.forcegauge.net/en/



Visit our website for more information on a wide range of product specifications, measurement applications and videos.

<sup>\*</sup>Force Logger Download version is only applicable with firmware older than Ver.5 ZTS/ZTA, HTGS/HTGA, eZT.