Notice of updating MPS08B measurement software

[PC Application/Firmware: Ver1.3.0.5]

We have updated the software of the Pressure Measurement Amplifier MPS08B in-mold measurement system Mold Marshaling System.
The following is a description of how to download/update the software and the changes made.

■How to Download

1. Please access the dedicated MMS website by clicking on the link below.
   https://mms.mtb.futaba.co.jp/(Link)
2.Proceed to "Download data" → "Software (Enter customer information)" on the upper-right corner of MMS website.
3.Download ZIP of MPS08B measurement software. 1.3.0.5, decompress it, and place it on the desktop.

■How to Update the Firmware

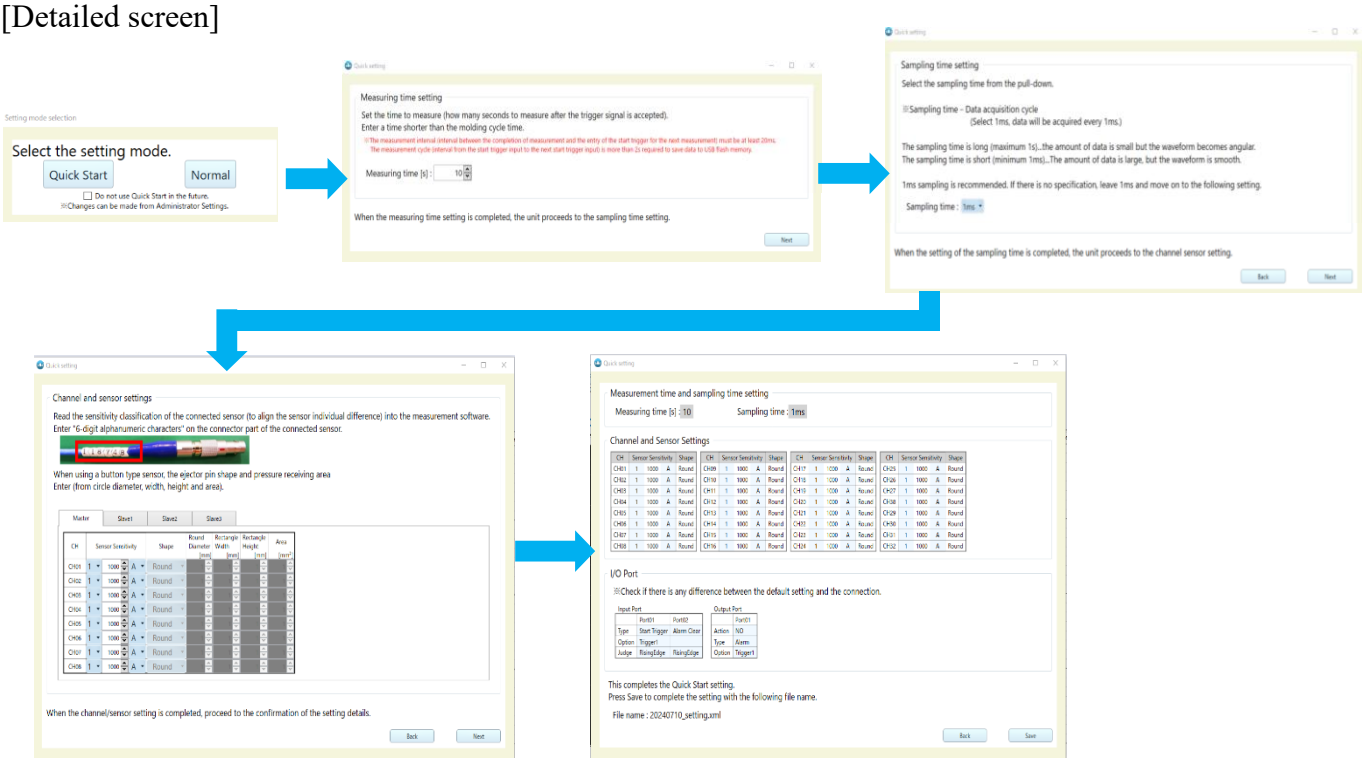
1.Open the folder that was placed on the desktop using the "How to Download" above and start the software.
   Measurement software: MPS08B_Application_1_3_0_5.exe
2.Please connect PC to MPS08B. ※Refer to the instruction manual for the connection method.
3.Select "Other"→ "Firmware Update" in the upper left of the measurement software.
4.Click Firmware Update
This completes the update and allows you to use the latest function.

■Details of Change

Change point. 1 Quick start setting mode added

Before change	After change
It was a normal setting only.	With the addition of the Quick Start setting function, it is possible to easily complete the setting in the wizard format even for first-time users.

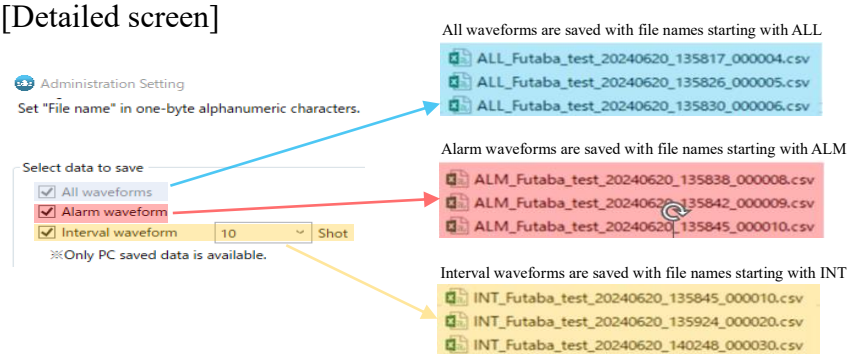
[Detailed screen]



Change point. 2 Saved data selection function

Before change	After change
All acquired waveform data was stored.	Only necessary data can be selected and saved from "All Waveforms", "Alarm", and "Interval", and they can now be used for data reduction, etc.

[Detailed screen]



■Check all waveforms
→Save all measured waveform data

■Check alarm waveform
→Save waveform data of alarm

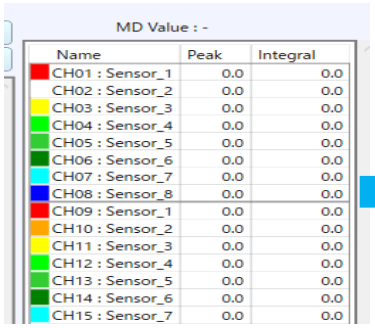
■Check interval waveform
→Saves waveform data at the specified shot interval

Change point. 3 Measurement main screen-calculation value selection function added

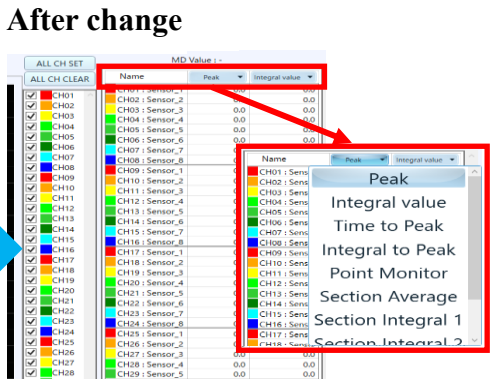
Before change	After change
The values displayed on the main measurement screen and channel display area were fixed to "Peak" and "Integral".	Operation values other than "Peak" and "Integral value" can now be selected from pull-down.

[Detailed screen]

Before change



After change



[Selectable Items]

- Peak
- Integral value
- Time to Peak
- Integral to Peak
- Point Monitor
- Section Average
- Section Integration 1,2
- Eject Monitor

Change point. 4 Minimum measurement time to 10ms

Before change	After change
The smallest unit of measurement duration was 1s.	The smallest measurement duration is 10ms.

[Precautions]

- The interval between the completion of measurement and the inputting of the next measurement start trigger must be at least 20ms.
- For saving data to USB memory, the interval between "start trigger input" and "next start trigger input" must be more than 2s.
- If the measurement period (interval between the start trigger input and the next start trigger input) is 1s or less, accurate data-saving may not be possible with both PC, USB. The measurement cycle should be equal to or greater than 1s.

Change point. 5 Time setting at shot completion added

Before change	After change
When measurement was continued for a longer period of time, the time on the MPS08B and the time of the stored data sometimes shifted from the actual time.	This has been improved by aligning the time with the PC at more finely timed intervals.

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