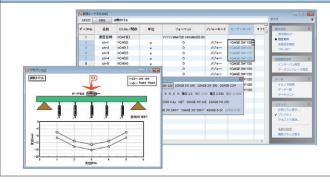
# **MEASUREMENT SOFTWARE** Visual LOG

## Static Measurement Software TDS-7130v2

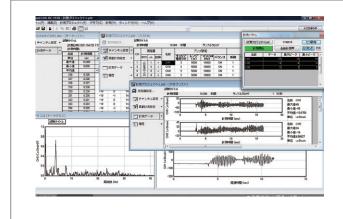


#### Software for static measurement using our data loggers

Applicable data logger: TS-963/TS-960/TS-560/TS-360/TDS-630/TDS-540/TDS-530/TDS-150/NIF-100/TC-35N Operating environment

- OS: MS Windows 7(SP1) / 8.1 / 10 / 11
- Interface: LAN, GP-IB, RS-232C, USB (Depends on data logger type) Memory: Free space of 10MByte or more
  - HDD: Free space of 3MByte or more (when setting up)
- · Continuous monitoring measurement, Interval measurement, Data comparator measurement, Initial measurement, Alarm measurement, External trigger measurement
- Maximum number of measuring points: 4,000
  Maximum number of measuring times: 50,000 ~ 20,000,000
- Stroke change: Settings of measurement start point and measurement stroke

#### Multi-Recorder - Dynamic Measurement Software TMR-7630



Software for multi-channel dynamic measurement and data processing using TMR-300 series, Simultaneously controls 320 points at the maximum Applicable instrument: TMR-311 up to 4 units

Input/output units connectable to TMR-311 Up to 10 units for each TMR-311 (320 points at maximum)

Operating environment

- OS: MS Windows 7(SP1) / 8.1 / 10 / 11 Computer: Model recommended by the above OS, CD drive
- Memory: Free space of 120MByte or more
- HDD: Free space of 10MByte or more (when setting up) Interface: LAN, USB
- Maximum number of calculation data items: 1,000
- · Real time graph display while sampling

Interface: USB

· Real time graph display while sampling

Data comparator measurement

· Maximum number of calculation data items: 100

Operating environment

- Automatic data acquisition by Interval/Data trigger/External trigger/Free run/ Data comparator measurement
- Overlaying of graphs of data from different data files
- TMR-7630-H (option): Frequency analysis of measured dynamic wave form by post-processing

Software for multi-channel dynamic measurement using Smart Dynamic Strain Recorder DC-204R/DC-204Ra Applicable instrument: DC-204R/DC-204Ra (up to 4 units for 32 points)

> OS: MS Windows 7(SP1) / 8.1 / 10 / 11 Computer: Model recommended by the above OS, CD drive

• Automatic data acquisition by Interval/Data trigger/External trigger/Free run/

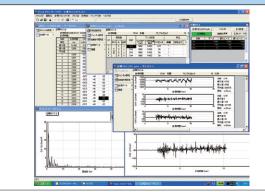
HDD: Free space of 10MByte or more (when setting up)

Memory: Free space of 120MByte or more

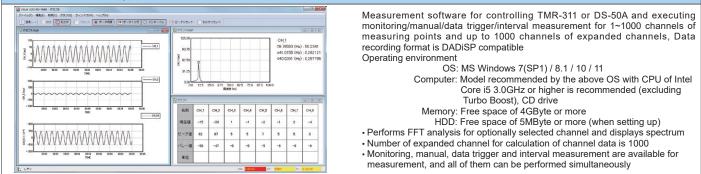
 Overlaying of graphs of data from different data files
 Text conversion of data: CSV format, DADiSP compatible format DC-7630-M (option): Data reproduction synchronized with videos

• TMR-7630-M (option): Data reproduction synchronized with saved videos

## Smart Dynamic Strain Recorder - Dynamic Measurement Software DC-7630

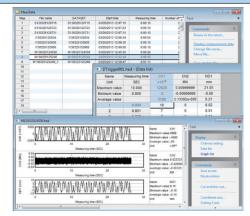


## Real time Data Acquisition Software RD-7640



## **MEASUREMENT SOFTWARE** Visual LOG

## Waveform View Software WF-7630

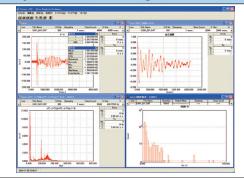


Software for listing and displaying waveforms of measurement data in DADiSP format output by our measuring instruments DH-14A/TMR-311/TMR-211/ DC-204R and software RD-7640/ DS-750/RD -7300/ DC 7004P/DRA-7162/ TMR-7630/DC-7630/DC-7204v2 Software to list and display waveforms of measurement data in DADiSP format output by DC-7630/ DC-7204v2.

In addition to data recalculation, data file merging, cutting, thinning, and CSV conversion, the software performs maximum and minimum values, FFT analysis, calculations using extended channels, and graph (X-Y, T-Y, spectrum) plotting. Applicable data file: \*.hed / \*.dat

- Applicable to most of DADISP format instruments and software · Re-calculation of measured data possible by changing the coefficient, offset, etc.
- · Merging of separated files created by free run measurement
- Batch conversion of file name change, cutting out and thinning out is possible in the data file list
- Range selection and thinning out are possible when performing CSV conversion of data file
- Two or more graphs and/or objects are arranged in a graph window
- · Graph data are saved as image, or values in graph are saved as CSV file

## FFT Analysis and Processing Software DFA-7610



Software for analyzing dynamic data files created by our dynamic strain meter. The analysis includes time-axis waveform processing, X-Y graph, differentiation and integration, and autocorrelation.

Applicable data file: Data files created by software DC-7204v2 or DC-7630 Operating environment

- OS: MS Windows 7(SP1) / 8.1 / 10 Computer: Model recommended by the above OS, CD drive Memory: Free space of 32MByte or more
- HDD: Free space of 10MByte or more (when setting up) - Display and processing of time-axis waveform by X-T graph, Display and
- processing by X-Y graph, Calculation of differentiation and integration, Statistical analysis, Frequency analysis, Transfer function, Histogram analysis,etc

#### Monitoring Measurement Software Visual LOG Light TDS-700L

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Software for controlling measurement and monitoring with our static data loggers

Applicable instrument: TS-560, TS-360, TDS-540, TDS-530, TDS-150, TC-32K, TC-35N Operating environment

OS: MS Windows 7(SP1) / 8.1 / 10 / 11

Graphic monitor: Using MS-Excel

- Data file creation: Using MS-Excel, CSV
- Customized automatic measurement using three timer tables
  Alarm function with three level alarm values

· Velocity alarm suitable to disaster monitoring