

Main Specifications

Languages	
English / Chinese** / Japanese (Other languages will be supported in the future)	
System requirement	
Intel Core i7 2.6 GHz or faster / Amount of memory 16 GB or more / Amount of storage 128 GB or more (SSD with M.2 slot is recommended)	
OS	Windows 10 64 bit
Communication interface	
USB (USBTMC / VISA), Ethernet (VXI-11 / HiSLIP)	
Number of connectable units (SY1 option)	
2 units / Up to 5 units** (Only 1 unit without SY1 option)	
Supported file formats	
DL/DLM series waveform files (wdf, wvf**), WT1800E**/3000E**/5000 files (csv), Xviewer data files (wdf), IS8000 data files (mf4), IS8000 project files (mepjt, anpjt)	
Export file formats	
MDF files (mf4), ASCII files (csv)	
Online data acquisition	
Supported devices	DL950
Maximum data transfer rate (DL950)	160 MB/s (10 MS/s × 8 ch) with 10 Gb Ethernet 6.4 MB/s (200 kS/s × 16ch) with 1 Gb Ethernet / USB
Maximum recording length	24 hours*2
Maximum recording file size	10 GB/file with 10 Gb Ethernet 50 GB/file with 1 Gb Ethernet/USB
Maximum recording channels	128 channels
Display format	
TY (up to 32 ch for each group, up to 4 group), XY (up to 2 windows for each group), Zoom/Pan (up to 4 areas for each group), Numeric (for WT5000), Trend (for WT5000)	
Waveform overlays	
Aligned by time, absolute time, head of data, end of data or arbitrary position	
Automated waveform parameter measurements	
Cycle Statistics**, History Statistics** and Up to 28 parameters (including P-P, Amp, RMS and Freq).	
Cursor	Vertical (up to 2 cursor for each window), Horizontal (up to 2 cursor for each window), X-Y**
Annotation function	
Comments, acquired data and calculated values** can be added on the main/zoom waveform window and X-Y window.	
Supported devices	
Online data acquisition	DL950, WT5000
Remote control and setting, acq. data download	DL350/850 series/950, DLM3000/5000 series, WT5000 (Remote control and setting only)
Data File Import	DL350/750**/850 series/950, SL1400**, SL1000, WT1800E**/3000E**/5000, DLM series
Mathematical data analysis (MH1 option)	
Number of Math channels	Up to 16 channels
Operator	+, -, ×, /, Shift, ABS, SQRT, LOG, EXP, NEG, SIN, COS, TAN, ATAN, PH, DIF, DDF, INTEG, IINTEG, BIN, P2, P3, F1, F2, FV, PWHH, PWHL, PWLL, PWXX, DUTYH, DUTYL, FLT1, FLT2, HLBT, MEAN
Number of computed points	Up to 12.5 Mpoints
Digital filters	Gauss, Sharp, IIR (Butterworth)

FFT analysis (MH1 option)	
Operator	Type: LS, RS, PS, PSD, CS, TF, CH Sub-type: REAL, IMAG, MAG, LOGMAG, PHASE
Window function	Rectangle, Hanning, Flat top, Hamming
Number of FFT channels	Up to 16 channels independently
Number of computed points	Up to 2 M points
Report generator (RP1 option)	
Export file formats	Microsoft Word, Excel, PDF, Print output
High-speed camera Sync. (FS1 option)	
Supported cameras	Photron's FASTCAM SA-Z, NOVA, Mini AX / UX / WX
Supported video format	high-speed camera video files (avi)
Supported devices	DL950

*1: Features will be available in near future.
*2: Further improvements will be implemented with the software update in the future.

Model and Suffix Codes

IS8000 Integrated Software Platform

Model	Code	Description
IS8001		IS8000 Integrated Software Platform Subscription (Annual license)
IS8002		IS8000 Integrated Software Platform Perpetual (Permanent license)
	/SY1	Multi-Unit Synchronization Option
	/MH1	Waveform Math Option
	/RP1	Report Generator Option
	/FS1	High-speed Camera Synchronization Option

Add-on Packages

Model	Code	Description
IS8001EX		IS8000 Add-on Package Subscription (Annual license)
IS8002EX		IS8000 Add-on Package Perpetual (Permanent license)
	-SY1	Multi-Unit Synchronization
	-MH1	Waveform Math
	-RP1	Report Generator
	-FS1	High-speed Camera Synchronization

IS8010 IEC Harmonic/Flicker Measurement Software

Model	Code	Description
IS8011		IEC Harmonic/Flicker Software Subscription (Annual license)
IS8012		IEC Harmonic/Flicker Software Perpetual (Permanent license)

■ Any company's names and product names mentioned in this document are trade names, trademarks or registered trademarks of their respective companies.



YOKOGAWA TEST & MEASUREMENT CORPORATION

Global Sales Dept. /Phone: +81-42-690-8810 E-mail: tm@cs.jp.yokogawa.com
Facsimile: +81-42-690-8826

YOKOGAWA CORPORATION OF AMERICA
YOKOGAWA EUROPE B.V.
YOKOGAWA TEST & MEASUREMENT (SHANGHAI) CO., LTD.
YOKOGAWA ELECTRIC KOREA CO., LTD.
YOKOGAWA ENGINEERING ASIA PTE. LTD.
YOKOGAWA INDIA LTD.
YOKOGAWA ELECTRIC CIS LTD.
YOKOGAWA AMERICA DO SUL LTDA.
YOKOGAWA MIDDLE EAST & AFRICA B.S.C(c)

Phone: +1-800-888-6400 E-mail: tmi@us.yokogawa.com
 Phone: +31-88-4641429 E-mail: tmi@nl.yokogawa.com
 Phone: +86-21-6239-6363 E-mail: tmi@cs.cn.yokogawa.com Facsimile: +86-21-6880-4987
 Phone: +82-2-2628-3810 E-mail: TMI@kr.yokogawa.com Facsimile: +82-2-2628-3899
 Phone: +65-6241-9933 E-mail: TMI@sg.yokogawa.com Facsimile: +65-6241-9919
 Phone: +91-80-4158-6396 E-mail: tmi@in.yokogawa.com Facsimile: +91-80-2852-1442
 Phone: +7-495-737-7868 E-mail: info@ru.yokogawa.com Facsimile: +7-495-737-7869
 Phone: +55-11-3513-1300 E-mail: eproc@br.yokogawa.com
 Phone: +973-17-358100 E-mail: help.ymatmi@bh.yokogawa.com Facsimile: +973-17-336100

<https://tmi.yokogawa.com/>

YMI-KS-MI-SE08

The contents are as of February 2021. Subject to change without notice.
Copyright © 2021, Yokogawa Test & Measurement Corporation
[Ed: 01/b]

Printed in Japan, 102(KP)