

Fast Acquisition, Transfer, and S torage Finally, a No-Compromise, High-P erformance Data Acquisition Unit

Selecting a data acquisition platform for your electronics or mechatronics application has always been a balancing act. High speed digitizers lack the isolation, attenuation, or bit resolution necessary for power electronics testing. PC-based platforms with fast streaming throughput sacrifice noise immunity, signal conditioning, and hardware integrity.

Until now. The Yokogawa SL1000 is the only data acquisition system that delivers independent, isolated channel hardware at 100 MS/s rates, with no compromise in bit resolution, memory depth, or streaming performance.

Can operate "Standalone"

- Store data directly on the SL1000

Wide Library of Plug-In Modules

- Eight module slots are available in each unit
- Select now from thirteen different plug-in modules

Synchronous Operation with Linked Units

 Link up to eight units and enable synchronized measurement of up to 128 channels High-Speed Data Acquisition Unit SL1000

Fast Acquisition

igh Perforr

Fligh Speed

Up to 100 MS/s on all channels (10 ns sampling interval)
 100 MS/s 12-Bit 1 kV* isolation module with 20 MHz bandwidth
 Supports parallel testing: Perform measurements with up to four simultaneously

independent sample rates In combination with 702902 (10:1) / 700929 (10:1) / 701947 (100:1)

Fast Transfer and Storage

Stream data to PC via high speed USB 2.0 or 1000BASE-T Gigabit Ethernet*1
 Real time display on a PC (GIGAZoom engine)*2
 Stream data to a PC hard disk or the SL1000's internal hard disk*1 in real time (at speeds of 1.6 MS/s = 100 kS/s × 16ch)*2

epends on PC performance and measuring conditions.

Easy to use

Easy to use Standard Acquisition Software
 Quick and Intuitive operation means that you can start measuring immediately
 Setup Wizard guides you through detailed settings

Lapture

ranster



- Fast Transfer and Storage USB 2.0 or 1000BASE-T (optional) Real time display on a PC (GIGAZoom engine) Save data to a hard disk in real time

- Easy to use Standard Acquisition Software Plug and Play: Auto-recognition of units and modules Quick and Intuitive operation Setup Wizard guides you through detailed
- settings - Analysis Functions Real time waveform analysis Offline waveform computation (optional)

High-Speed Data Acquisition Unit SL1000

High-Speed - Hardware

High-Speed Capture

In the pursuit of isolated high-speed waveform measurement, Yokogawa has achieved a maximum sample rate of 100 MS/s (10 ns sampling interval). The SL1000 can accurately capture high-speed and high-voltage phenomena by using the 100 MS/s 12-Bit 20 MHz frequency range 1 kV* Isolation Module (model 720211).

Furthermore, you can combine modules that support measurements of a variety of signals, giving you solutions for an extensive range of applications.

Sample Rate

 \bigcirc

100 MS/s

10 MS/s

1 MS/s

100 kS/s

10 kS/s

Maximum Recording Time^{*3}

1 hour 23 minutes 20 seconds

.

SYNC

1 kS/s 13 hours 53 minutes 20 seconds

500 S/s 1 day 3 hours 46 minutes 40 seconds

Amount of time data can be recorded with internal memory

SYNC N

Unit 1-7 Data link file

0.5 seconds

5 seconds

50 seconds

8 minutes 20 seconds

Example Setup

4 sample rates

nation with 702902/700929

Saving Data over Long Periods of Time

Data can be saved to the SL1000's internal acquisition memory over long durations, or it can also be streamed in real-time to a PC hard disk or the SL1000's internal hard disk"1"2.

*1: with the /HD1 Option *2: Maximum speed of real time hard disk recording depends on measuring conditions. *3: Trigger mode: Single, measuring on 1 module, 2 channels.

Supports parallel testing

Perform measurements with up to four simultaneously independent sample rates. The amount of data saved on hard disk can be reduced by optimizing the sample rate for the DUT on a module by module basis.

Max 128 ch Synchronized (16 ch x 8 units)

Data files recorded by multiple units, in synchronized mode, are all linked together by a common LINK file, thereby facilitating batch processing. Using this LINK file, data from all units can be

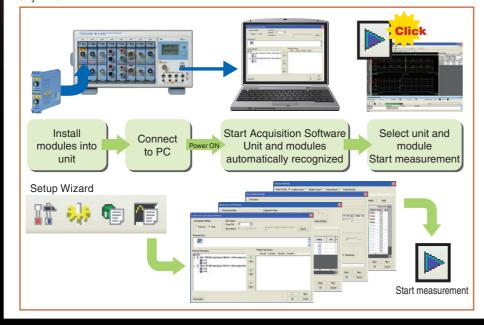
processed and analyzed, as one, at the same time.

Easy to use — Software —

Intuitive, User-Friendly Acquisition Software

Setup Wizard Makes It Easy

The Wizard automatically recognizes any connected SL1000 and its plug-in modules. Just click the Start button to start measuring right away -- no complicated settings to enter. The four screens of the Setup Wizard guide you easily through detailed settings for configuring the system, measuring, saving and displaying. Of course, you can save and recall your settings at any time.



High-Speed Data Transfer & GIGAZoom Function for Instantaneous Full-Length Display of Large Quantities of Data

You can transfer data to PCs at high speed via USB 2.0 or Ethernet 1000BASE-T Gigabit Ethernet*1. The SL1000's high-speed data compression engine (GIGAZoom engine) displays waveforms on the PC in real time*2. It offers the same display updating and zooming performance as standalone measuring instruments, even with massive amounts of data at high sample rates.

*1: with the /C10 Option *2: The number of channels from which waveforms can be displayed during measurement may be limited depending on the PC performance and measuring conditions

Real Time Saving to Hard Disk

Continuously measured data can be saved in real time to a PC hard disk and/or the SL1000's internal hard disk". File names are assigned automatically, freeing you from time consuming file operations. Data can be saved simultaneously -- and in real time--to both the PC's and SL1000's hard disks⁻¹. This bolsters the reliability of your data storage system, protecting your vital data. You can access the SL1000's internal hard disk" with Xviewer waveform viewer software (comes standard), or through an FTP client over Ethernet².

*1: with the /HD1 Option *2: with the /C10 Option *3: Typical values. Actual values depend on PC performance and measurement conditions

Settings for the Hard Disk Recording Function

By specifying recording criteria, you can efficiently and automatically record only the data you need to the hard disk. Just specify the recording destination, recording start and stop conditions, conditions for repeating recording, and other criteria. With free run measurement, the specifiable parameters for the recording start condition are immediate, time, and alarm; for the recording stop condition, the parameters are continuous, time, recording time, and alarm; and for the repeating condition, recording interval and number of recordings'. With triggered measurement, measured data is recorded upon each trigger. You can also manually save data from the SL1000's internal acquisition memory to PC hard disk. *: Max. file size per recording is 12 GB (recording on 4 channels, = 1.5 GW/ch)

Individual Sample Rates for Each **Measurement Channel Group**

Up to four groups of measurement channels can be defined with individual measurement conditions and display settings. Even waveforms from groups with different sample rates can be displayed in the same window.



Easy Tabular Setup Screens

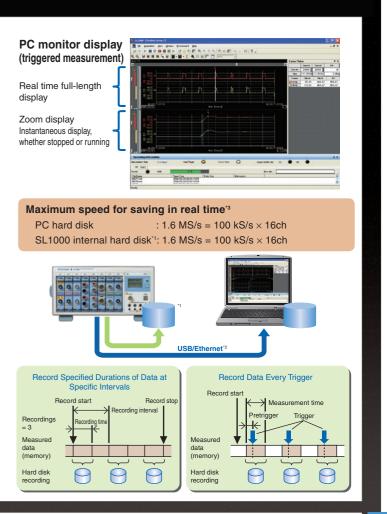
Measurement conditions and channel display settings can be viewed and set easily using a tabular format. Use drag and drop shortcuts to quickly setup multiple channels.



Control Buttons--Just Like Your DVD Remote

Measurement and saving can be started and stopped using the same familiar buttons found on a DVD remote control. Start using the instrument on the same day you receive it, with absolutely no programming required.





Real Time Waveform Display and Analysis

You can display a zoomed portion of the waveform simultaneously with the overall waveform during triggered measurement. Even during live recording, you can use the display hold* to review past data. You can also perform cursor measurements or automated measurement of waveform parameters (up to 26 during triggered measurement) in real time

*: The display hold may automatically switch to display resume depending on the measuring conditions.

Xviewer Waveform Viewer Software (1 License of the Standard Version Comes Standard) Offline Waveform Display & Data Conversion

Waveform data saved to hard disk can be manipulated on the PC in the same manner as in real time for waveform display, cursor measurement, automated measurement of waveform parameters, and X-Y display. Additionally, you can input comments anywhere in the displayed waveform window for printing. Waveform data can also be converted to CSV or Excel formats for use in spreadsheet programs.

Offline Waveform Computation (with the /XV1 Option)

You can define and display up to ten computed waveforms. In addition to basic arithmetic operations, you can use a variety of other functions in your definitions such as trigonometric functions, derivatives and integrals, pulse width computations, and FFTs.



Define waveform equations using a number of basic and advanced functions.

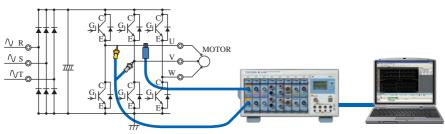


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Applications

Observation of Inverter Switching Waveforms

Inverter switching waveforms can be observed using the High-Speed 100 MS/s 12-Bit Isolation Module, offering more accurate waveform capture.



Environmental Testing of ECUs

In-vehicle ECUs are required to maintain high reliability even under severe environments. Synchronized operation of the SL1000 enables the user to measure a multiple samples at a high sampling rate under various environments for a long time, which improves verification efficiency.

Performance Evaluation of Large-sized Transport

Modules

and Sensors

In the case of measurement of aircrafts, trains, elevators, etc. measurement intervals are sometimes long due to the size of the target. Since the SL1000 can separate intervals between units using a synchronization cable, it is able to measure a large number of channels and a variety of signals at a high resolution for a long time.

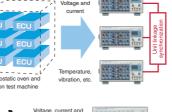
Modules for a Wide Variety of Signals

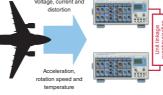
For more details, please refer to the Bulletin DL850E-01EN

Supports a total of 13 different ScopeCorder series modules, including the High-Speed 100 MS/s 12-Bit Isolation Module, enabling correlated

measurements of high speed voltage, high voltage, high voltage accuracy,

temperature, strain, acceleration, frequency, and other characteristics.





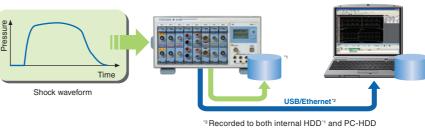
Surge Waveform Recording & Power Monitoring

You can observe and record waveforms of noise (surge) that is imposed upon power supply and signal lines when the power switch is turned ON and OFF, or due to lightning and other external events. Taking advantage of the SL1000's high speed, high resolution, isolation, and standalone characteristics, you can check and automatically record voltage waveforms during monitoring and surge immunity testing.



Acquisition of Explosion and Combustion Data

The SL1000 has the high speed and high resolution required for use in the performance evaluation of rockets, airbags, and other combustion-related applications. Measured data can also be saved to both^{'3} the PC's hard disk and the SL1000's internal hard disk'¹. This bolsters the reliability of your data storage system. Standalone measurement or remote data acquisition via Ethernet^{*2} is also possible.



Module Selection

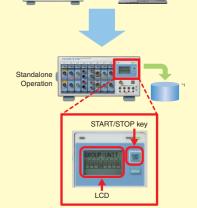
| Input | Model No. | Description | Sample Rate | Resolution | Bandwidth | Number of Channels | Isolation | Maxin Input Vo (DC+AC |
|-------------------|----------------------|--|--|--|--|-----------------------|------------------|-----------------------------|
| | 720211 ^{°4} | High-speed 100 MS/s 12-Bit Isolation Module | 100 MS/s | 12 bit | 20 MHz | 2 | Isolated | 1000 200 |
| Analog Voltage | 720250 | High-speed 10 MS/s 12-Bit Isolation Module | 10 MS/s | 12 bit | 3 MHz | 2 | Isolated | 800 200 |
| | 701251 | High-speed 1 MS/s 16-Bit Isolation Module | 1 MS/s | 16 bit | 300 kHz | 2 | Isolated | 600 140 |
| | 701255 | High-speed 10 MS/s 12-Bit non-Isolation Module | 10 MS/s | 12 bit | 3 MHz | 2 | Non- isolated | 600 200 |
| | 720268 | High-voltage 100 kS/s 16-Bit Isolation Module (with AAF, RMS) | 1 MS/s | 16 bit | 300 kHz | 2 | Isolated | 850 \ |
| Temperature | 701261 | Universal Module | 100 kS/s (Voltage), 500 S/s (Temperature) | 16 bit (Voltage), 0.1°C (Temperature) | 40 kHz (Voltage) 100 Hz (Temperature) | 2 | Isolated | 42 |
| | 701262 | Universal Module (with AAF) | 100 kS/s (Voltage), 500 S/s (Temperature) | 16 bit (Voltage), 0.1°C (Temperature) | 40 kHz (Voltage) 100 Hz (Temperature) | 2 | Isolated | 42 |
| | 701265 | Temperature/high-precision voltage Module | 500 S/s (Voltage), 500 S/s (Temperature) | 16 bit (Voltage), 0.1°C (Temperature) | 100 Hz | 2 | Isolated | 42 |
| | 720266 | Temperature/high-precision voltage Module | 125 S/s | 16 bit (Voltage), 0.1°C (Temperature) | 15 Hz | 2 | Isolated | 42 |
| Acceleration | 701275 | Acceleration / Voltage Module (with AAF) | 100 kS/s | 16 bit | 40 kHz | 2 | Isolated | 42 |
| Strain | 701270 | Strain module (NDIS) | 100 kS/s | 16 bit | 20 kHz | 2 | Isolated | 10 |
| | 701271 | Strain module (DSUB, Shunt-CAL) | 100 kS/s | 16 bit | 20 kHz | 2 | Isolated | 10 |
| Frequency | 720281 | Frequency Module | 1 MS/s | 16 bit | Minimum measurement resolution 625 ps | 2 | Isolated | 420 42 ' |

- Can operate "Standalone" Store data directly on the SL1000 - A wide range of Plug-In Modules 8 module slots are available in each unit Supports all 13 ScopeCorder series modules

High-Speed Data Acquisition Unit SL1000

* Probes are not included with any modules. *1: In combination with 702902(10:1), 700929(10:1) and 701947(100:1) *2: Direct input *3: In combination with 701940(10:1) *4: Class 1 Laser Product, IEC60825-1:2007 *5: When using this module other than DL850, DL850V, DL850EV, or SL1000, the maximum voltage is 1000 V/ms.

Standalone Operation Once settings are entered, the SL1000 can be used "standalone". You can start and stop measurement and recording by using the START/STOP key on the SL1000 or by using the REMOTE input. The instrument includes a convenient LCD for display during standalone use. The LCD shows you the system status, module status, communication parameters, and other information.



*1: with the /HD1 Option *2: with the /C10 Option *3: with one SL1000 unit only.

Only HDD of either PC's or SL1000 internal when multi units

DC Accuracy Note /oltage Cpeak 0 V^{*1} 0 V^{*2} +0.5% High speed · High voltage · Isolated 0 V^{*1} 0 V^{*2} +0.5%High noise immunity 0 V^{*1} 0 V^{*2} High sensitivity range (1 mV/div), low noise (±100 µVtyp.), and high noise immunity +0 25%) V^{*3}) V^{*2} +0.5% High speed · Non-isolation V*2*5 with AAF, RMS, and high noise immunity ±0.25% ±0.25% Thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped 2 V (Voltage) aold/chromel) Thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped gold/chromel), with AAF ±0.25% 2 V (Voltage) Thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped gold/chromel), high sensitivity range (1 mV) +0.08% v (Voltage) ±0.08% Thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped v gold/chromel), high sensitivity range (1 mV), and low noise (Voltage) ±0.25% (Voltage) Built-in anti-aliasing filter, supports built-in amp type acceleration ±0.5% (Acceleration) sensors (4 mA/22 V) 2 V Supports strain NDIS, 2,5, 10 V built-in bridge power supply V ±0.5% (Strain) Supports strain DSUB, 2,5, 10 V built-in bridge power supply, and ±0.5% (Strain) V (shunt CAI Measurement frequency of 0.01 Hz to 500 kHz, Measured paramete ±0.1% (frequency, rpm, period, duty, power supply frequency, pulse width, pulse integration, velocity) (Frequency)

High-Speed Data Acquisition Unit SL1000

Main Specifications (SL1000 Main Unit)

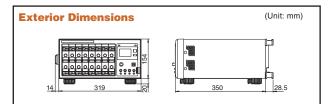
| Basic Specifications | |
|-------------------------------|--|
| Input format | Plug-in module (A/D converters built in to each unit) |
| Number of slots | 8 |
| Max number of channels | 16 |
| Maximum sample rate*1 | 100 MS/s on all channels |
| Max. recording length (intern | al memory) |
| 5 S S (| 50 MW/ch (trigger mode: Single, measuring on 1 module, 2 channels) |
| Build-in hard disk | 500 GB (with /HD1 option) |
| Maximum speed for saving in | |
| Build-in hard disk | 1.6 MS/s (=100 kS/s × 16ch, with /HD1 option)*2 |
| Signal I/O | External clock input :BNC × 1 |
| 3 | External trigger input :BNC × 1 |
| | Trigger output :BNC × 1 |
| | Alarm output :Screwless terminal × 1 |
| | GO/NO-GO output :Screwless terminal × 1 |
| | REMOTE input :Screwless terminal × 1 |
| Probe power terminal | Supplies up to 4 probes (with /P4 option) |
| USB communication | Conforms to USB Revision 2.0 |
| Ethernet | 1000 BASE-T compliant (with /C10 option) |
| General Specifications | ···· · · · · · · · · · · · · · · · · · |
| Rated supply voltage | 100-120 VAC/220-240 VAC (switches automatically) |
| Rated supply frequency | 50/60 Hz |
| Power consumption | 300 VA max (including modules) |
| External dimensions | 319 mm (W) × 154 mm (H) × 350 mm (D), excluding protrusions |
| Weight | Approx. 6 kg (SL1000 main unit only) |
| Operating temperature range | e 5 to 40°C |
| *1: Maximum sample rate dif | fers depending on the type of module. If the sampling frequency |
| | |

exceeds the maximum sample rate of the module, identical data will be recorded.
*2: Typical values. Actual values depend on measurement conditions.

Main Specifications (Acquisition Software is Standard)

| mani opeenicat | ions (Acquisition contrare is standard) |
|-----------------------------------|--|
| Plug and Play | Auto-recognition of units and modules |
| Measurement modes | Freerun and triggered |
| ACQ mode | Normal, envelope, and box average |
| Clock sources | Internal and external |
| Measurement groups | Up to 4 groups definable with independent sample rates |
| Trigger modes | Normal, single, and single(N) |
| Trigger sources | CH1 to CH16, LINE, Time, and External |
| Other trigger functions | Combination trigger, hold-off, pretriggers, and trigger delay |
| Save conditions | Manual operation, or based on time, or alarms |
| Other save functions | Manual save (file division), specify no. of saves, and save all data in memory |
| | Save simultaneously to PC's hard disk and SL1000's internal hard disk |
| | (with /HD1 option) |
| Save format | Binary data files (original, *.wdf) |
| Waveform data conversion | Sinary data moo (original, indi) |
| (Xviewer) | Binary data file(s) can be converted to ASCII (*.csv) or Excel (*.xls) format |
| Maximum speed for saving in | |
| PC hard disk | 1.6 MS/s (= 100 kS/s × 16 ch)*1 |
| Waveform monitor | Trend display (displays measured waveforms of different sample rates |
| | simultaneously)*2, |
| | and instantaneous value displays (digital, bar graph, meter, and thermometer) |
| X-Y Display | X-axis channel settings, selection of main/zoomed waveform |
| -13 | (in Triggered mode), and selection the number of display points |
| Mark display | (Freerun mode) Setting of marks (up to 128 marks, each mark can |
| | display up to 16 characters), display color setting, mark editing, deletion |
| | of marks, mark list, collectively saving mark data with the same file |
| | name as the waveform data, and loading mark data into Xviewer. |
| Accumulation display | Accumulates T-Y and X-Y waveforms |
| Snapshot | As a snapshot waveform. Display color setting and snapshot waveform |
| | deletion |
| Display groups | Up to 4 display groups |
| Other display functions | History waveform, arbitrary axis divisions, |
| | and horizontal axis scaling + specifiable units (ext. clock) |
| Waveform analysis | Cursor and parameter measurement*3 |
| Offline waveform computatio | n (with /XV1 option) |
| Max. Number of displayed | waveforms (CHs) |
| | 10 waveforms (Math1 to Math 10) |
| Operations | +, -, ×, /, trigonometry, differentiation, integration, FFT, and others |
| Alarms | Channel (alarm display and alarm history analysis)*4, |
| | system, and alarm output |
| GO/NO-GO determination*3 | Waveform parameter judgment and judgment output |
| System requirements | |
| OS | Windows 7, Windows 8, Windows 8.1, Windows 10 (32 bit/64 bit) |
| CPU | Core 2 Duo, 2 GHz or faster (3.2 GHz or faster recommended) |
| Memory | 1 GB or more (2 GB recommended) |
| Hard disk | 500 MB or more of free space (40 GB or more recommended) |
| Communication interfaces | USB 2.0, Ethernet 1000 BASE-T (with /C10 option) |
| *1: Typical values, Actual values | ues depend on PC performance and measurement conditions. |
| | mode is Freerun, the trigger mode is Single(N), and the number of |
| measurements is Infinite. | , there may be a limit to the number of channels that can be |
| trend-displayed during m | |
| *3: Triggorod moscuromont | |

*3: Triggered measurement *4:Freerun measurement



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SL1000 Model Number and Suffix Codes

| Model/Options | Suffix Code | Description |
|---------------|-------------|---|
| 700400 | | SL1000 High-Speed Data Acquisition Unit ^{*1} |
| 720120 | | Including Xviewer Standard Edition (1 license)(701992-SP01) |
| | -D | UL and CSA standard |
| | -F | VDE standard |
| Power cord | -R | AS standard |
| | -Q | BS standard |
| | -H | GB standard (Complied with CCC) |
| | /HD1 | Internal 500 GB hard drive |
| | /C10 | Ethernet Interface |
| Others | _/P4 | Probe power (4-output) |
| | /XV0*2 | Without Xviewer |
| | /XV1*2 | With the Xviewer Math Edition (1 license)(701992-GP01) |

1: Plug-in modules and PC not included with the SL1000 *2: Only one from the each note can be selected.

Standard Accessories

Power cord (1 set), Software CD-ROM (Acquisition Software and Xviewer 701992, 1 set), User's manuals (1 set), Cover panels for blank module slots (8 set), Rubber feet (1 set), Soft case for storing accessories (1 set)

Accessories

| Product | Model No. | Description*1 |
|---|-----------|---|
| | 720901-01 | 1 m for SL1000 |
| Synchronous cable | 720901-02 | 2 m for SL1000 |
| Bask manuating life | 751541-E4 | EIA |
| Rack mounting kit | 751541-J4 | JIS |
| 10:1 Passive Probe (for Isolated BNC Input) | 702902 | 1000 V (DC+ACpeak) CAT II, |
| (Wide operating temperature range) | | -40 to +85°C, total length 2.5 m |
| 10:1 Probe (for Isolated BNC Input) | 700929 | 1000 Vrms CAT II, total length 1.5 m |
| 100:1 Probe (for Isolated BNC Input) | 701947 | 1000 V (DC+ACpeak) CAT II |
| 1:1 Safety BNC Adapter Lead | 701901 | 1000 Vrms CAT II |
| 1:1 Safety Adapter Lead | 701904 | 1000 Vrms CAT II, 600 Vrms CAT III |
| (in combination with followings) | | 1000 VIIIIS CAT II, 000 VIIIIS CAT III |
| Pincher tip (Black) | B9852MN | 1000 Vrms CAT III |
| Pincher tip (Red) | B9852MM | 1000 Vrms CAT III |
| Large Alligator-Clip (Dolphin type) | 701954 | 1000 Vrms CAT II, 1 set each of red and black |
| Alligator Clip Adaptor Set | 758929 | 1000 Vrms CAT II, |
| (Rated Voltage 1000 V) | 136929 | 1set each of red and black |
| Alligator Clip Adaptor Set | 758922 | 300 Vrms CAT II, |
| (Rated Voltage 300 V) | 130322 | 1set each of red and black |
| Fork Terminal Adaptor Set | 758921 | 1000 Vrms CAT II, 1 set each of red and black |
| Passive Probe ⁺² | 701940 | Non-isolated 600 Vpk (701255)(10:1) |
| 1:1 BNC-Alligator Cable | 366926 | Non-isolated 42 V or less, 1 m |
| 1:1 Banana-Alligator Cable | 366961 | Non-isolated 42 V or less, 1.2 m |
| Current Probe ^{*3} | 701917*5 | 5 Arms, DC to 50 MHz |
| Current Probe*3 | 701933 | 30 Arms, DC to 50 MHz |
| Current Probe*3 | 701930 | 150 Arms, DC to 10 MHz |
| Current Probe ^{*3} | 701931 | 500 Arms, DC to 2 MHz |
| Probe Power Supply ^{*4} | 701934 | Large current output, |
| | | external probe power supply (4 outputs) |
| Shunt Resistor for Clamped Input Terminal | 438920 | 250 Ω ±0.1% |
| Shunt Resistor for Clamped Input Terminal | 438921 | 100 Ω ±0.1% |
| Shunt Resistor for Clamped Input Terminal | 438922 | 10 Ω ±0.1% |
| Bridge Head (NDIS-120 Ω) | 701955 | With 5 m cable |
| Bridge Head (NDIS-350 Ω) | 701956 | With 5 m cable |
| Bridge Head (DSUB-120 Ω, Shunt-CAL) | 701957 | With 5 m cable |
| Bridge Head (DSUB-350 Ω, Shunt-CAL) | 701958 | With 5 m cable |
| BNC Conversion Adaptor | 758924 | 500 Vrms CAT II |
| Safety BNC-BNC Cable (1 m) | 701902 | 1000 Vrms CAT II (BNC-BNC) |
| Safety BNC-BNC Cable (2 m) | 701903 | 1000 Vrms CAT II (BNC-BNC) |

 Safety SNC-SNC Cable (2 m)
 //11903
 1000 Vms CAT II (SNC-SNC)

 *1: Actual allowable voltage is the lower of the voltages specified for the main unit and cable.
 *2: 42 V is safe when using the 701940 with an isolated type BNC input.

 *3: The number of current probes that can be powered from the main unit's probe power supply is limited. For details, please refer to http://minyokogawa.com/product/socialisocopes/current-probes/

 *4: Any number of setemally powered probes can be used.
 *5: When using with SL1000 series, there is a space limitation issue.

 This is a Class A instrument based on Emission standards EN61326-1 and EN55011, and is designed for an industrial erroroment. Operation of this equipment in a residential area may cause radio interference, in which case users will be responsible for any interference which they cause.

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NOTICE Before operating the product, read the user's manual thoroughly for proper and safe operation.

http://tmi.yokogawa.com/

YMI-KS-HMI-SE04

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