

ScopeCorder  
DL850E/DL850EV

## New Plug-in Modules

## Precision Making

Three new plug-in modules for DL850E series are released. Now, total number of plug-in modules available for the ScopeCorder series is 19.  
The DL850E/DL850EV supports a variety of measuring situations more further.

## ☆ Up to 32-CH 1MS/s 16-Bit isolated measurement

### 4-CH 1 MS/s 16-Bit Isolation Module (model: 720254)

With maintaining the size of the existing module, this new module has 4-CH isolated BNC inputs\*.  
By installing 8 pieces of the new 720254 module in a DL850E/EV, it makes total 32 channels stand-alone measurement system.

\* The sample rate will be always half of the 2-CH voltage input module (such as 701250).



720254

Available for  
Testing and long-term monitoring for power generators and/or multi-output power supplies.  
Dynamic analysis for ECU and/or powertrains by multi-channel data recording.

## ☆ Up to 16-CH 100MS/s 12-Bit isolated measurement

### High-Speed 100 MS/s, 12-Bit Isolation Module (model: 720211)

As a revised (successor) model of the existing 720210 module, up to 8 pieces of new 720211 modules can be installed in a DL850E or DL850EV.  
IsoPRO technology enables High speed (100 MS/s), High resolution (12-bit), 1 kV isolated measurements using the 720211 module for up to 16-CH in a single DL850R/DL850EV main unit.



720211

Available for  
Testing and evaluations for inverter, motor and power devices with high-speed, high-resolution and high voltage.



isoPRO

# ☆ SENT protocol data trend monitor

## SENT Monitor Module (model: 720243)

It enables monitoring of SENT protocol communication data trend as an analog waveform. Data trend monitoring along with triggering on SENT can be done. This module is available for the DL850EV only.



720243

Available for Construction of development environment and production equipment for SENT. Communication data monitoring between air flow sensors and ECUs.

## Related products

- For observing low current of 1 mA

### High-sensitivity current probe 701917/701918



701917

701918

- Easy to use for generating basic, complicated and arbitrary waveform

### Arbitrary/function generator FG410/420

0.01 μHz to 30 MHz, 20 Vp-p Output, 1ch:FG410 / 2ch:FG420



FG410

FG420

## Plug-in module model numbers

Model	Description
720254	4-CH 1 MS/s 16-Bit Isolation Module
720211	High-speed 100 MS/s 12-Bit Isolation Module
720243	SENT Monitor Module

\* Probes are not included with any modules.

Note 1: 720254 and 720243 can NOT be used with the SL1000.

Note 2: \*Up to four CAN Bus Monitor Modules (720240), CAN & LIN Bus Monitor Modules (720241) or SENT Monitor Module(720243) in total can be used on a single main unit. For the CAN Bus Monitor Modules (720240) and CAN & LIN Bus Monitor Modules (720241), up to two in total can be used on a single main unit.

These modules are available for the DL850EV only.

Note 3: The DL850E/EV, DL850V firmware should be updated to version 4.00 or later.

## Related products

### High-sensitivity current probe model numbers

Model	Description
701917	5 Vrms, 50 MHz, 1 V/A Output rate
701918	5 Vrms, 120 MHz, 1 V/A Output rate

\* For power supplying, probe power option for DL/DLMDL series or probe power supply are necessary.

\* There is a spatial restriction when connecting to the ScopeCorder modules.

### Arbitrary/function generator model numbers

Model	Description
FG410	Arbitrary/Function Generator: 1-Channel, 30 MHz
FG420	Arbitrary/Function Generator: 2-Channel, 30 MHz

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YMI-KS-MI-SE01

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