

Leaflet

DL950 Motor Analysis Package (/MT1 option)

Target customers: R&D of EVs, industrial equipment, transport equipment, consumer electronics, and motors & Drives

Motor Measurement & Analysis set

Features

- Real-time dq waveform calculation (V_d , V_q , I_d , I_q)
- Real-time power/efficiency/dq-parameter calculation (update rate up to 0.1ms)
- Temperature correction of winding resistance (Ver. 1.60 or later)
- Automatic calculation of the electric angle offset (Ver. 1.60 or later)
Incremental encoders, Absolute encoders, Hall sensors, resolvers, etc.
- Maximum input voltage of 600 V

Featured Functions: Motor dq analysis*

- Real-time waveform display and trigger measurement of rotational angle calculated from encoder, resolver, and Hall sensor signals.
- Real-time display of V_d , V_q , I_d , and I_q waveforms using Park/Clarke transformation (FOC)
- Cycle-by-cycle Average/RMS analysis of startup active power, dq-axis currents, and voltages
- FFT and harmonic analysis of calculated waveforms
* /MT1 option (including /G05 power math option)



ScopeCorder DL950

Package configuration

DL950

Model	Description	Qty
DL950-x-Hy	DL950 ScopeCorder (1 Gpoints Memory)	1
x: Select Power Cord y: Select Language		
/MT1	Motor dq analysis function (including Power math function)	
/P4	Four probe power outputs	

Plug-in Module

Model	Description	Qty
720256	4 CH 10 MS/s 16 bit Isolation Module 	3

Accessories

Model	Description	Qty
702902	10:1 Isolated Passive probe 	8
701930	Current probe 	4

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