Selection of adaptive software

Recommend

Software name	Option	Available with the meter / transmitter	Maximum number of Sensors	Maximum read speed /hz	Single record time is recommended	Chinese/english switching function	Wiring
DAQ Universal Measurement software-Single channel	None	DY054, DY056, DY500, DY220, DY300, DY800, DY054-W, DY910, DY920, X505, DY200 dynamic torsion sensor	1	With the meter: up to 1000 (According to instrument acquisition speed) Dynamic torque sensor: Torque :500 Speed :1	Within an hour	support	Ordinary 485 line x1
DAQ Universal measurement software-multi-channel	Channel 4/8	DY054,DY056, DY500,DY220, DY800,DY054W, DY300,DY920	4/8	Max 1000 (According to instrument acquisition speed)	Within an hour	support	4 channels: 1 divided into 4 serial port cables x1; 232 to 485 conversion head x4; 8-channel: 4-channel wiring x2
DAQ Universal Measurement Software-Modbus	None	DY220,DY800,DY094, DY610,DY054,DY056, DY2025	9	1	No limit	Not supported	Ordinary 485 line x1
200 Torque measuring software	Single channel / 4 channel	DY200 dynamic torque sensor	1/4	Torque :500 RPM :1	Within an hour	Single channel: Not supported 4-channel: Supported	Single channel: ordinary 485 line x1; 4 channels: 1 divided into 4 serial port cables x1; 232 to 485 conversion head x4
054 Ethernet test software	Single channel / 4 channel	DY054 Instrument (optional Ethernet)	1/4	20000	In 10 minutes	support	Single channel: Ethernet cable x1; 4-channel: Ethernet cable x5, switch x1
094 Supporting software	None	D094 transmitter	9	30	Within 2 hours	support	Ordinary 485 line x1
098 Supporting software	None	D098 transmitter	16	5	No limit	Not supported	Ordinary 485 line x1
X501 Supporting software	Version 485 / Ethernet	X501 transmitter	16	10	No limit	Not supported	Ordinary 485 cable x1, Ethernet cable x1
200 High-speed measuring system	None	DYN-200 PRO	1	Torque :6000 RPM :30	5 minutes	Not supported	Network cable x1

- Software update iteration, please focus on our customer service consultation.

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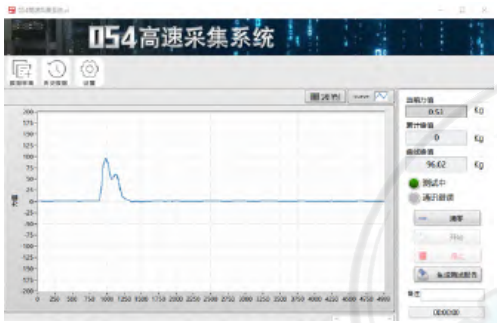
054 High-speed acquisition system



Product Reviews

Characteristic

The system can be used for high-speed impact test, the maximum frequency of 20000Hz can be used to collect force value at high speed, analyze data and draw the curve of force value change, and can export data to Excel or generate test reports.



054 High-speed Acquisition System (Test interface)



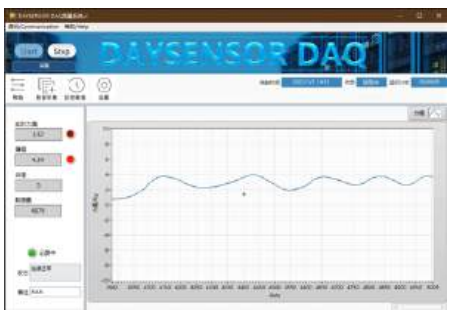
054 High-speed Acquisition System (Impact Test Report)

DAQ Integrated test system

Product Reviews

Characteristic

1. The system can be combined with the company's multiple instruments / transmitters for high-speed acquisition and draw curves, and the real-time value and peak alarm.
2. Provide data storage function, can export the historical waveform according to the date and time in the software, can analyze the historical data, export pictures or excel.
3. The data refresh speed is determined by the connected instrument, up to 900Hz, and with a dynamic torque sensor, up to 500 HZ.



DAQ integrated test system (Pull pressure test)



DAQ integrated test system (Torque test)

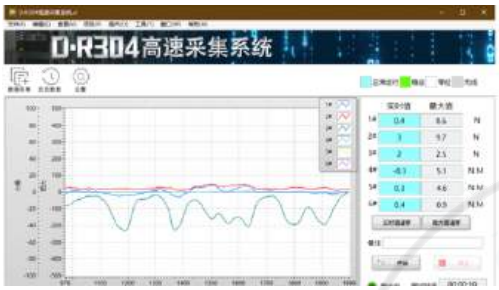
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D.R304 High-speed acquisition system

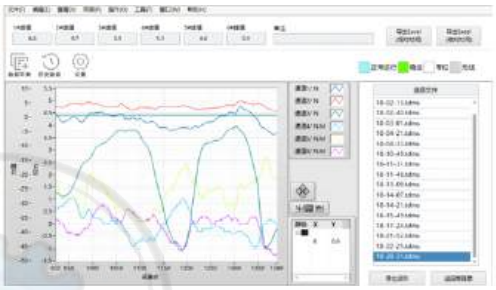
Product Reviews

Characteristic

The system can be combined with the six-dimensional force sensor produced by the company for high-speed acquisition, which can display the real-time value, maximum value and real-time status of Fx, Fy, Fz, Mx, My and Mz data. Real-time force value data can be recorded, and the maximum recording speed can reach 1000 HZ, and the data can be exported and analyzed according to the date and time.



D.R304 High-speed acquisition system
(Data acquisition interface)



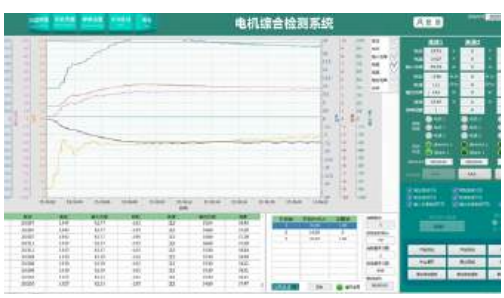
D.R304 High-speed acquisition system
(Historical data interface)

Motor detection system

Product Reviews

Characteristic

1. This system uses the standard motor factory performance inspection, the traditional manual inspection method is inefficient and low accuracy, the use of this system can improve the accuracy, improve the efficiency, and realize the automatic test, the system can support up to 3 machines at the same time testing.
2. Provide test data analysis, automatically extract key data such as no-load point, grid-lock point, maximum torque point, maximum output point, maximum efficiency point, curve X axis can select time, torque and organize these data to generate test reports.
3. The system can collect torque, speed, input power, voltage, current, output power and efficiency, support manual testing, automatic testing, PID debugging and other test modes, of which automatic test mode, can customize multiple test stages, can select torque, fixed power mode, can customize multiple sets of test models.





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