

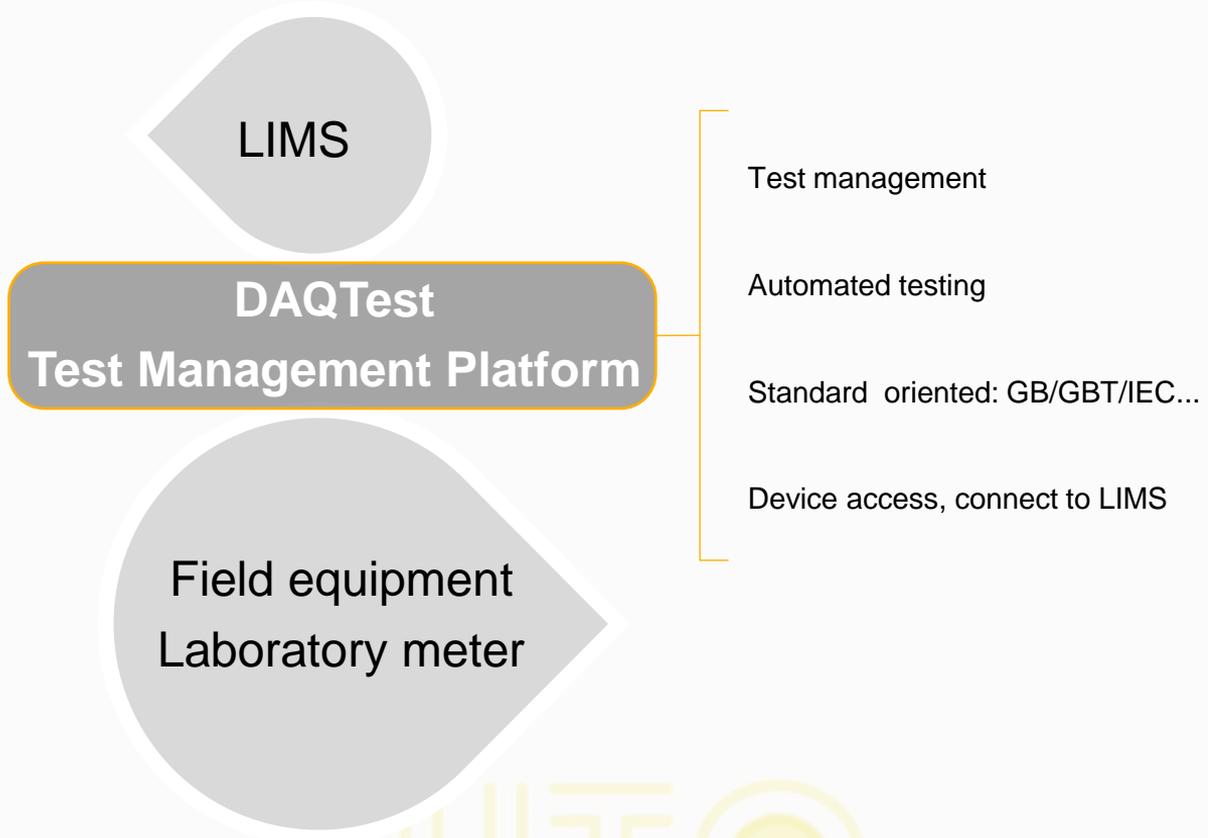
PROMISE AUTO

DAQTest - Test Management Platform

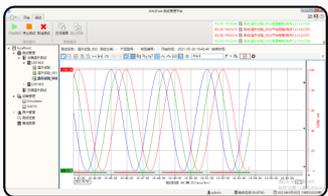


Overview

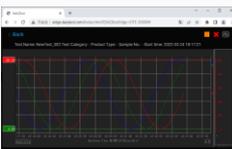
Base on many years of rich experiences and technology accumulation in the field of test and measurement, Beijing Promise-auto Technology Co., Ltd. has developed a professional test management platform software – DAQTest, Which is widely applicable, reliable and customizable for manufacturers, laboratories and inspection and certification companies.



System composition



Desktop client



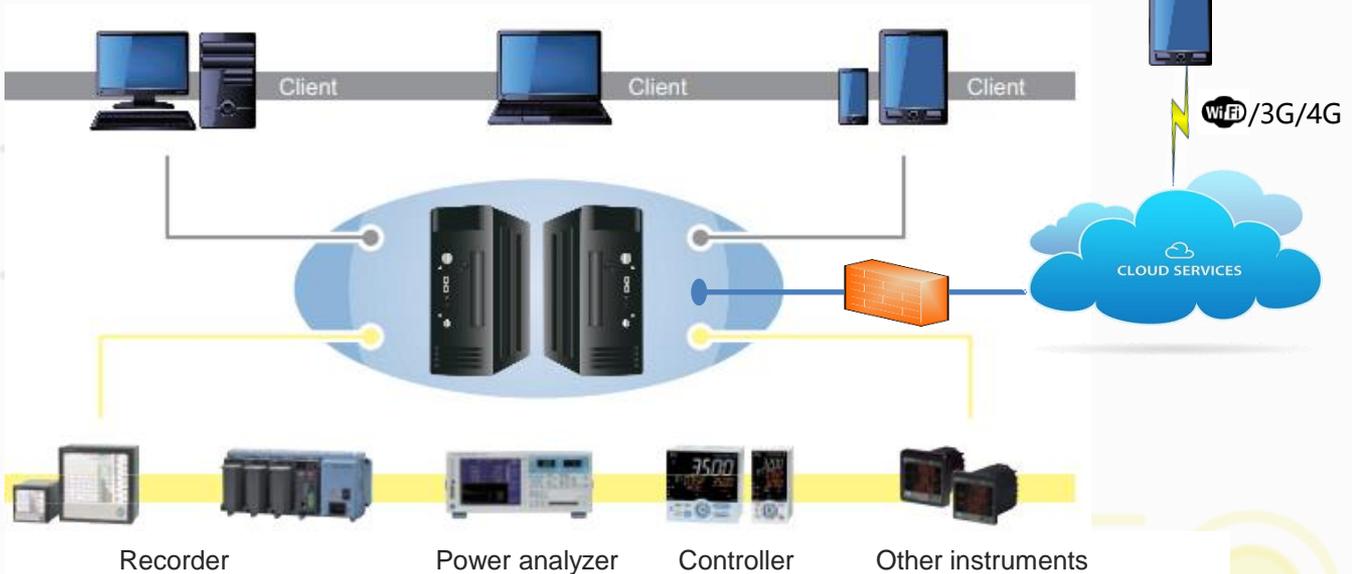
Web client



Large screen display



Mobile client



Recorder

Power analyzer

Controller

Other instruments

Device access

- Support mainstream brand test equipment
- Support Ethernet, Serial port, USB, GPIB
- A single test supports simultaneous data acquisition of multiple devices
- Auto reconnection when communication is disconnected
- Support data synchronization between multiple devices
- The data time is aligned to 0:00:00

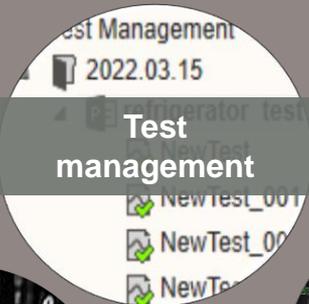
Manufacturers	Device Kind	Device Type	Comment
YOKOGAWA	DAQ	GM,GP,GX	
		MX100, MW100	
		DA, DR, DC, MV, DX, FX	
		VZ20X	Supports 1ms interval
	Power Analyzer	WT series	
	ScopeCorder	DL950,DL850E,DL350,SL1000	Only stand-alone version is supported
	Manometer	MT300	
HIOKI	DAQ	LR8450	
	Power Analyzer	PW8001, PW6001	
AMETEK	Recorder	EX1401, EX1000A	Supports 1ms interval
Keysight	DAQ	34970A,34972A	
Fluke	Power Analyzer	NORMA5000	
EEC	AC Power	EEC6500,EEC6700,EEC-EAB-160	
GRAPHTEC	DAQ	GL240, GL840	
ITECH	DC Power	IT6500	
	AC Power	IT7326	
	Bi-directional Power	IT6000C	
	Load	IT8702+8732	
	Load	IT8500,IT8600,IT8800,IT8511AG+	
ZLG	Power Analyzer	PA5000	
Huawei	Power	UPS5000	
SOARING	Load	Load	
QINGZHI	Power Analyzer	8930	
Ainuo	Power Analyzer	AN8721P	
NGI	DAQ	N8050C, N8050D	
PICO	ScopeCorder	PICO2000	Only stand-alone version is supported
Modbus Device		Modbus	Use Modbus define file
CAN Device		CAN(ICP DAS, Kvaser, ZLG)	Use CAN define file
Virtual Device		Simulator	Virtual Data Generator

Main features

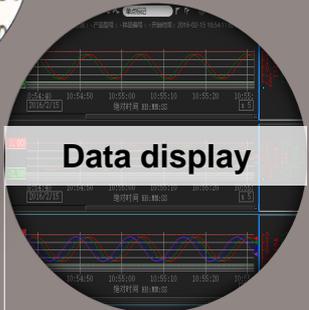


Data acquisition

Support mainstream brand test equipment and all Modbus equipment data acquisition, storage and management, to achieve data compatibility of multiple devices under the same platform



Test management



Data display

Can display multiple windows, multiple forms of presentation. Can also be customized according to user needs.



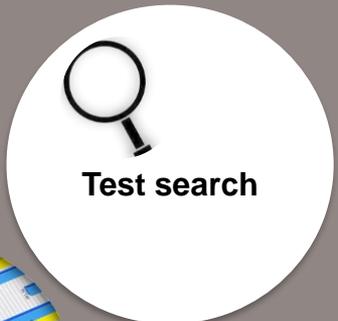
Data analysis

Data statistics module can be customized to facilitate users to carry out data statistics and analysis.



Report output

Support editable report template for efficient and convenient output of test reports.



Test search



Alarm information

Alarm information is generated when channel alarm, device connection error, disk saturation, disconnection and other events occur

Test Management – Manage projects and tests in the form of folders



Three types of structures can be established under the test management node, which are folders, projects, and tests. By adding, deleting, copying, pasting and other operations, the hierarchical, efficient and orderly management of projects and tests can be realized.

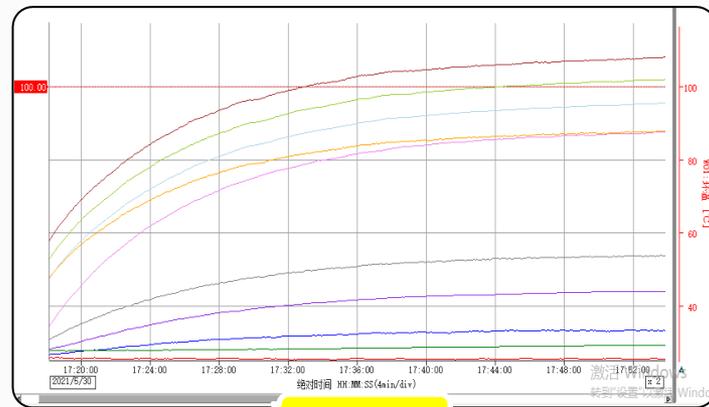
Similar to Windows Explorer tree structure, which is clear hierarchy, simple operation.

The on-demand loading technology of directory tree nodes is used to support fast access to massive nodes.



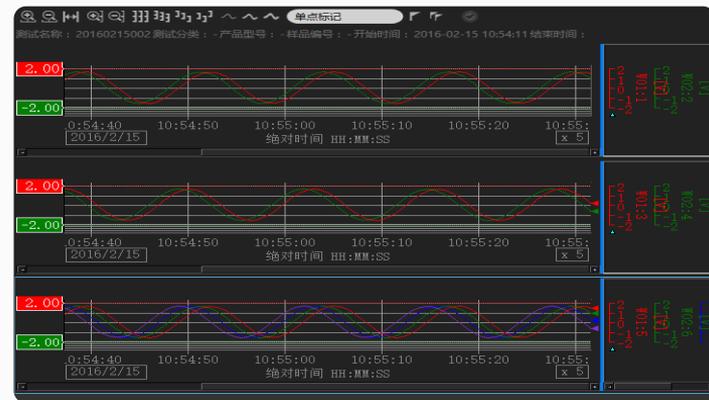
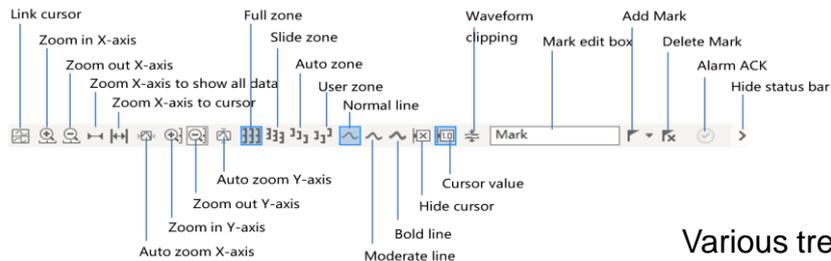
Trend graph

- Switch between real-time mode/playback mode seamlessly, and update trend in real-time mode automatically.
- The X and Y axis are automatically scaled.
- Click or move the horizontal scroll bar in the trend to enter the playback mode, and the trend update stops. Stop the operation for 5 minutes or move the horizontal scroll bar to the far right to return to real-time mode.
- All test data can be traced back by moving the horizontal scroll bar.



Multi-window display

When the measurement channels of the same test are allocated to different display groups, the DAQTest can display the waves of each group through the multi-window display function, which is convenient for viewing.



Various trend scaling line functions are convenient for user to view trend on demand

Data analysis

Data statistics

Data statistics window provides the maximum temperature rise, peak-peak temperature, regression temperature and other data of the test, without manual calculation, greatly improving the efficiency of data statistics.

Bench/Device	Terminal No./Channel No.	Name	Amb. Ch.	Max Temp.	Time	Min Temp.	Time	Start Amb.1	Start Amb.2	Start Amb.3	Amb.1
Group01 (5 Channel)											
Simulator	CH001	Simulator-CH1		91.792	12/11/2023 8:19:56 PM	2.110	12/11/2023 8:21:01 PM	-	-	-	-
Simulator	CH002	Simulator-CH2		49.484	12/11/2023 8:19:56 PM	0.001	12/11/2023 8:20:40 PM	-	-	-	-
Simulator	CH003	Simulator-CH3		56.861	12/11/2023 8:21:01 PM	0.000	12/11/2023 8:20:12 PM	-	-	-	-
Simulator	CH004	Simulator-CH4		95.383	12/11/2023 8:21:01 PM	4.752	12/11/2023 8:19:56 PM	-	-	-	-
Simulator	CH005	Simulator-CH5		99.998	12/11/2023 8:20:45 PM	43.455	12/11/2023 8:19:56 PM	-	-	-	-

Ref. temperature : -

Close

Cursor Statistics

Measurement group1 : 100ms

Copy Result Recalculate

	Cursor A	Cursor B	B - A
Data No.	330	980	650
Data time	00:00:33.000	00:01:38.000	00:01:05.000

Channel	MIN	MAX	Mean	P-P	RMS
Simulator-CH1	2.110	91.792	44.103	89.682	52.522
Simulator-CH2	0.001	49.484	13.596	49.483	19.708
Simulator-CH3	0.000	56.861	16.558	56.861	23.989

Cursor statistics

Statistics are performed on the data between cursor A and cursor B in the trend graph, and the maximum, minimum, average, and peak-to-peak values are calculated.

Data export

Test data can be exported in CSV format, and the exported file can be opened directly in EXCEL.

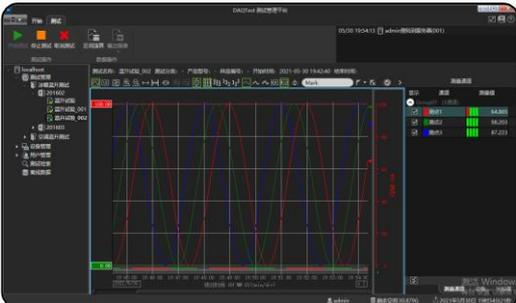
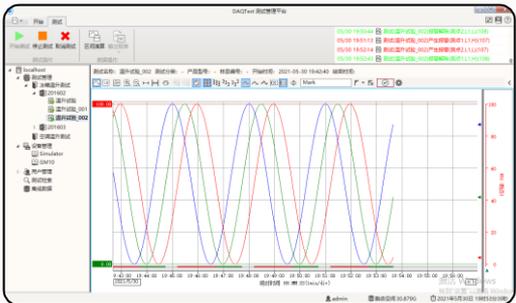
11.csv - Microsoft Excel

Date	Tiae	sec	V	Alarma	Y	Alarma	Y	Alarma	Y	Alarma	Y	Alarma	Y	Alarma	Y
2016/2/15 10:54:13	0	1.4463		1.5946		1.3156		0.684		1.4463		1.5946		1.3156	
2016/2/15 10:54:13	0.5	1.5992		1.515		1.0549		0.3121		1.5992		1.515		1.0549	
2016/2/15 10:54:14	0	1.598		1.3447		0.731		-0.0785		1.598		1.3447		0.731	
2016/2/15 10:54:14	0.5	1.5311		1.0937		0.3633		-0.4644		1.5311		1.0937		0.3633	
2016/2/15 10:54:15	0	1.3723		0.772		-0.0261		-0.8225		1.3723		0.772		-0.0261	
2016/2/15 10:54:15	0.5	1.1313		0.4141		-0.4141		-1.1313		1.1313		0.4141		-0.4141	

Other features

Two display styles

Light/dark display style



Backup settings

* Backup folder: c:\DAQTestData\backup

Automatic backup: On Off

Start time: 12:00 AM Per 1 Day

Backup now

Note: Backups can take a long time and cannot be canceled to ensure the integrity of the data.

OK Cancel

Data backup

DAQTest supports periodic automatic backup and manual immediate backup. Data files are backed up incrementally, for saving backup time and storage space.

Test Search

By searching the project name, test name and device name or the start test time and end test time as search conditions, it is convenient and fast to search for the test you want to find.

Search condition

Project Name: Product Name:

Test Name: Product Type:

Sample No.: Product Category:

Tester: Project No.:

File No.: Device Name: Any device

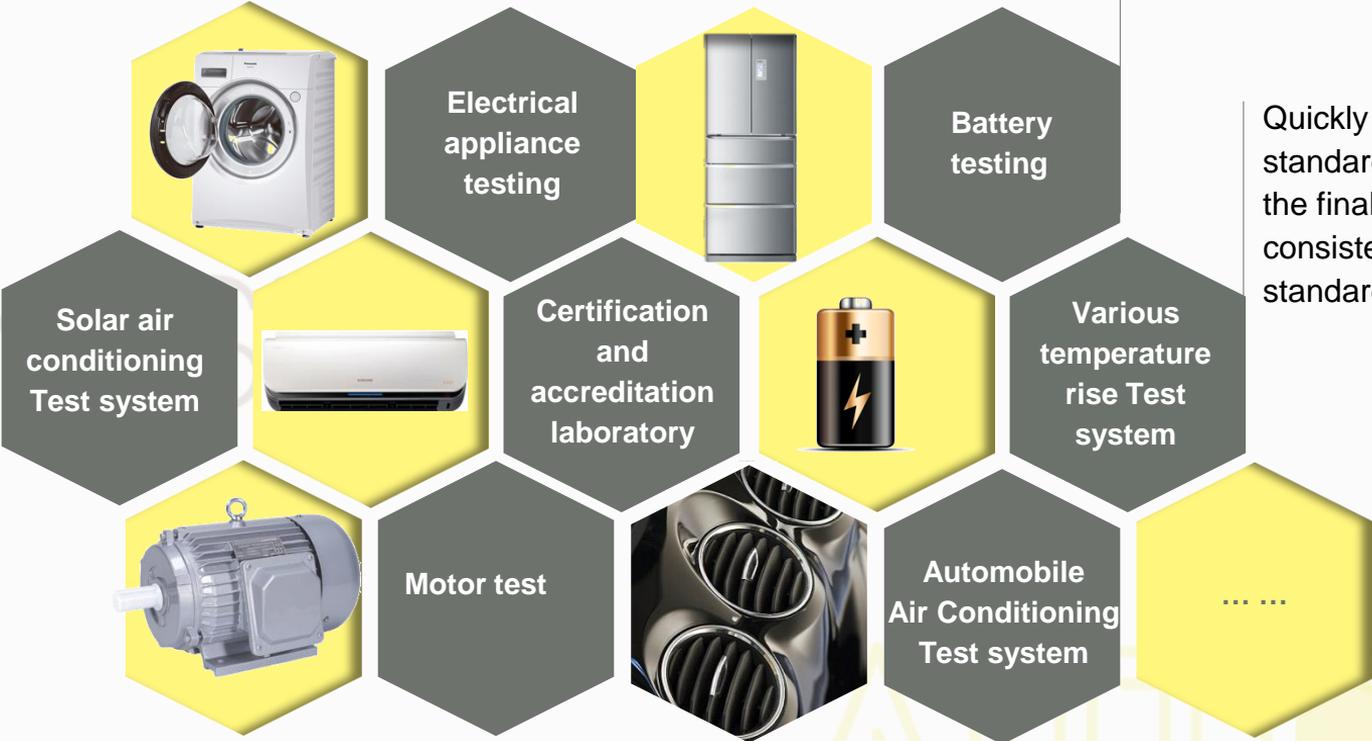
Start time: 2023/12/04 End time: 2023/12/11

Number of records: 3

Access type	Name	Start time	End time	Interval	Tester	Creation Time	Comment
Accessible	TV temperature test	2023/12/06 20:14:52		30 s	May	2023/12/06 20:13:10	
Accessible	TV temperature test_L			1 s	May	2023/12/06 20:32:57	
Accessible	NewTest	2023/12/11 20:19:23	2023/12/11 20:22:34	100 ms	May	2023/12/11 20:19:10	

each page 10 records, total 1 page

Application scenarios



According to different application scenarios, Promise-auto company will provide software customization to ensure convenient user experience.

Quickly respond to the national standard update to ensure that the final test report is consistent with the national standard.

Laboratory informatization of world-renowned testing and certification company



Requirements

It is necessary to test the temperature, voltage, current, power consumption, power factor and other parameters of the product to ensure that the indicators of the product can meet the standard. At the same time, it is required centralized data management and visualized test tasks.

Solutions

- Hardware: GP10, GM10, 34970, EX1401, EX1000A, WT310E, etc.
- Software: DAQTest (Online Edition)

System features

- The number of used devices: up to 100 devices
- The test types are complex and numerous: more than 10 kinds of signals such as voltage, current, power, temperature, etc.
- Fast acquisition: up to 1ms.
- High stability: trouble-free time of more than 3 months
- Large number of users: up to 100 users at the same time
- High usage load: up to 100 tests at the same time



System Dashboard

Model selection list

Model	Suffix Codes	Extension Codes	Description
DAQT101			Test Management Platform (Standalone)
Model	Suffix Codes	Extension Codes	Description
DAQT102			Test Management Platform (Online edition)
	-Cx (x: client number)		Client number (one client includes one test)
	-Ty (y: test number)		Added test number

Authorization mode

- Activate with an authorization code



Software purchase and technical support



86-134 6640 2671

DAQTest is available for a 60-day free trial without activation.

Software download : http://www.promise-auto.com/DAQTest/DAQTest_Installer.zip

AUTOC

Contact us



WeChat public account

Beijing Promise-auto Technology Co., Ltd.

Address: Room1009, Building2, 222 Datun Road,
Chaoyang District, Beijing, P.R.China

Contact: Jiang Yong +86 13911176711 jiangyong@promise-auto.com
Zeng Zhi +86 13911602377 zengzhi@promise-auto.com

Website: www.promise-auto.com

