

Conform to Standards

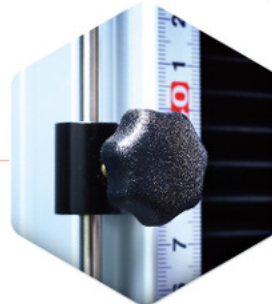
ISO 7500-1, ASTM E4 , ASTM D-76, DIN5122 , JIS B7721/B7733 , EN 1002-2, BS1610,GB T228

Applicable Industry

Rubber, Plastic, Paper, Textile, Metal, Wood, Tape,
Electronics, Packaging, Health Care, and Construction Industry



Display



Limit Switch



Speed control switch



Common Joint for Both Tensile and Compression Test

Description

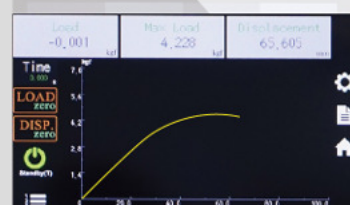
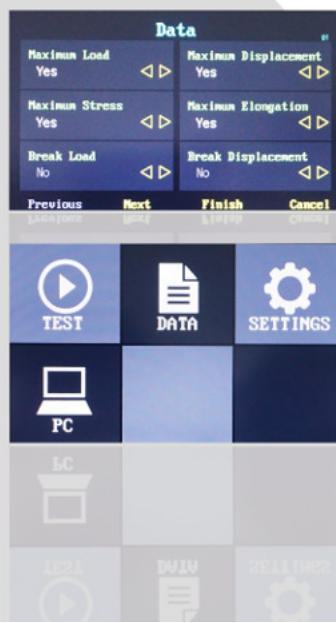
508D1 is a table-top universal testing machine with Cometech's latest 7" TFT D1 controller, which can conduct the test in stand-alone mode. D1 controller displays real time data or data in a short period, various units can be chosen based on users' needs. Users can also run advance analysis with optional D1 software, or out put raw data to csv. format (Excel format) with flash drive for self analysis.

Specification

Model	QC-508D1	QC-513D1
Capacity	5 kN	
Units	Force : gf, kgf, lbf, N, kN, ozf, tonf(SI), ton(long), tonf(short) Pressure : Kpa, Mpa, psi, bar, mm-Aq, mm-Hg	
Load cell resolution	23 bits	
Load cell accuracy	1/10,000	
Test stroke	800mm	400mm
Displacement resolution	0.0125mm	
Cantilever distance	Ø70mm	
Min speed at 200kg	20mm/min	
Min speed at 500kg	35mm/min	
Max speed	600mm/min	
Connect to PC through	TCP/IP port with software cable provide upon purchase	
Data sampling rate	1200hz(Max.)	
Hardware protection	Upper and lower limit switches and emergency stop button	
Power source	DC motor	
Feature	※Comes with 7" TFT color touch screen ※Display test graph on a real-time basis ※Has one force sensor and two encoders for displacement signal. ※Can output raw data through flash drive ※Use the Display to directly conduct the test, or connect to PC for advance analysis(required software) ※Immediate protection when over-load or overtravel ※Controller can easily install/remove for maintenance or repairment. ※Wafer in each sensor connector memories each sensors' parameter for quick installation.	
Power Phase	100~240 V, Single phase	
Dimension	50× 52 × 145cm	50 x 52x 100cm
Weight	80 kg	65 kg

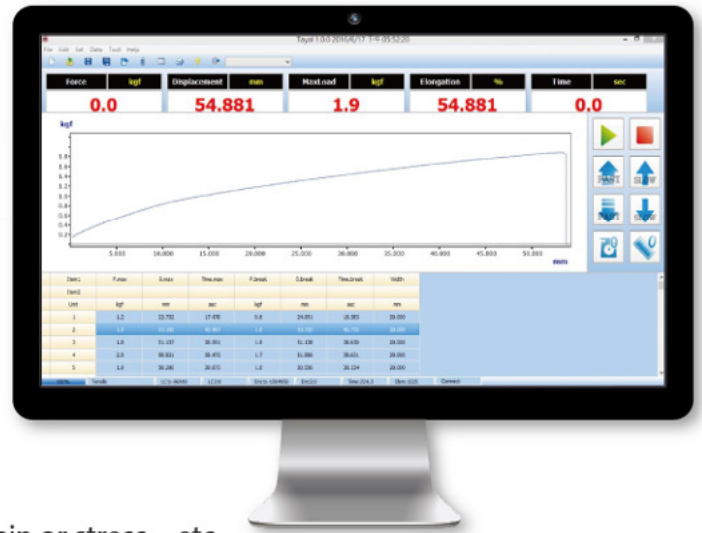
Standard Accessories - D1 Display

- 7" TFT Color Display
- Langue: Chinese, English, Japanese
- Data Display:
Force, Pressure, Torque, Displacement, Time.
- Can modify setting of Hardware, Test, Unit, Data, Protection and graph.
- Can switch between Metric and Imperial
- Store up to 50 data
- Output test data through USB port



Optional Accessories - Software Function

- Sampling rate: at most 1200Hz
- Has multiple analysis.
- Operation System: Windows 7 or above
- Can display in Chinese, English and Japanese.
- Control the machine thru TCP/IP port with computer.
- Can display multiple test data at once.
- Has both Metric and Imperial unit.
- Can reallocate test table to your preference.
- Can customize data name.
- Can show/hide test data or graph
- Can save, load, list and compare data.
- Axis can be set to force, elongation, display, time, strain or stress... etc
- Can run compression, tensile, bending, peeling tests... etc.
- Can set up over-load, overtravel or overtime protection.



Optional Accessories - Extensometer



QC-557 Short extensometer

Suitable for samples with elongation below 50%



QC-551 Long travel extensometer

Suitable for samples with elongation over 20%

Report Form

Print Date/Time : 2016/6/21 07:17:00

Company Information

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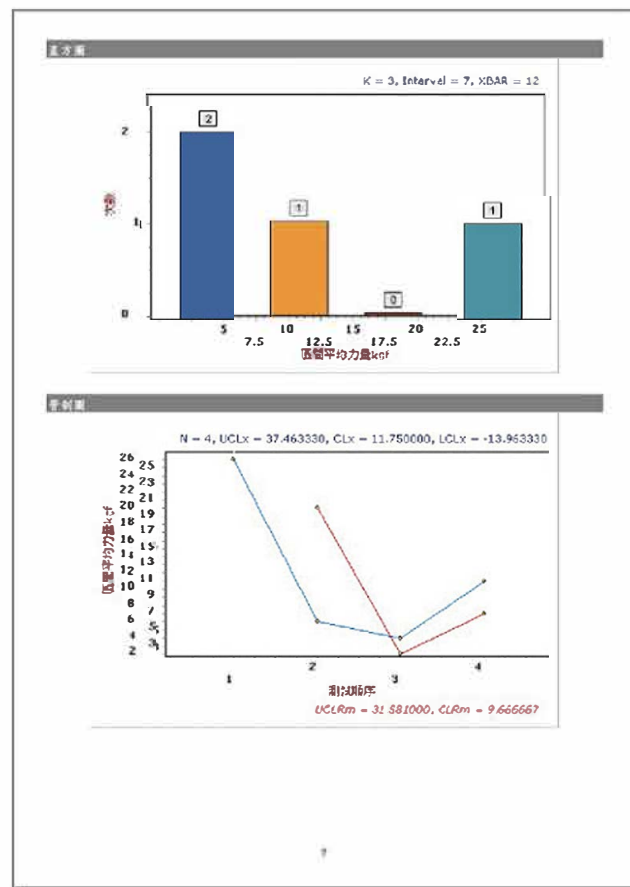
Specification

Test NO.: 1
Test Spec: TEST1
Tester: John
Test Method: Tensile
Pre-Load: 0.1 kgf
Gauge Length: 100 mm
Width: 20 mm
Test Speed: 500 mm/min
Test Date: 2016-06-17
Inertia: 1.687 mm

Data Table

Item	F max	E max	Time max	F break	E break	Time break	Width
Unit	kgf	mm	sec	kgf	mm	sec	mm
1	1.2	22.732	17.470	0.8	24.061	18.380	20.000
2	1.5	53.190	40.497	1.8	53.720	42.255	20.000
3	1.8	51.137	35.581	1.5	51.130	35.633	20.000
4	2.5	50.821	38.472	1.7	51.086	35.631	20.000
5	1.8	50.240	38.078	1.8	50.008	36.154	20.000
Avg	2.5	53.190	40.497	1.8	53.720	42.255	20.000

Graph



*Cometech reserves the right to change any of the specification of this product at any time .

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