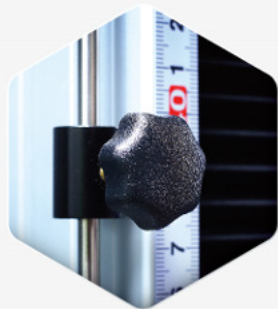


Conform to Standards

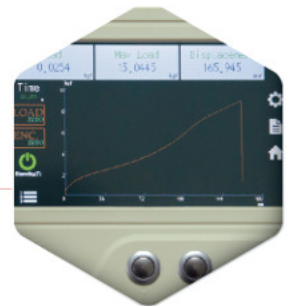
ISO 7500-1, ASTM E4 , ASTM D-76, DIN5122 , JIS B7721/B7733 , EN 1002-2, BS1610,GB T228

Applicable Industry

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



Limit Switch



Display



Common Joint for Both Tensile
and Compression Test



Description

506D2 is a double column, table-top universal testing machine with max capacity of 20kN. It has a larger testing area, which provide greater capability to customize test environment based on users' needs.

Users can conduct the test directly or using D2 software on computer with Windows 7 or above. D2 can perform tensile, compression, bending, peeling and some other tests.

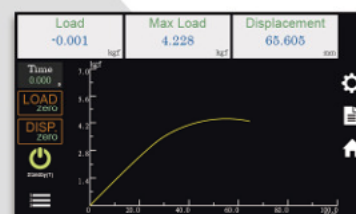
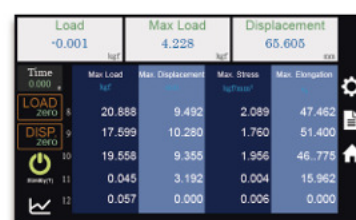
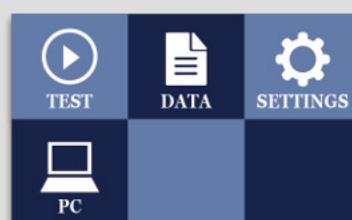
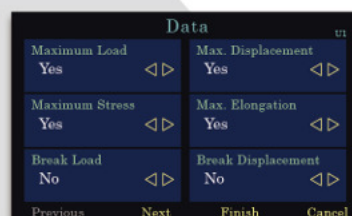
With multiple languages, both Metric and Imperial units, D2 is very easy to learn and convenient to use. It can also display test graph instantly. With various of analysis providing, users can analyze their test result better and generate test report with our software.

Specification

Model	Standard QC-506D2	Height Extend QC-506D2
Capacity	20 kN	
Load cell resolution	23 bits	
Load cell accuracy	1/10,000	
Test stroke	800mm	1200mm
Displacement resolution	0.001mm	
Cantilever distance	425mm (550mm, 680mm, 800mm optional)	
Speed Range	25~650mm/min (digital type setting)	
Min speed	25mm/min at 1000kg 45mm/min at 2000kg	
Connect to PC through	TCP/IP port with software cable provide upon purchase	
Data sampling rate	Max 400Hz	
Hardware protection	Upper and lower limit switches and emergency stop button	
Power source	DC motor	
Rigidity	1484 kgf/mm	
Feature	※Plug and play interface accessories for quick installation. ※Signal I/O and test space is preserved for expansion if needed in future.	
Power Phase	Single phase 100/220 VAC, 5A	
Dimension	86 × 60 × 150 cm	84 x 60 x 195 cm
Weight	145 kg	190 kg

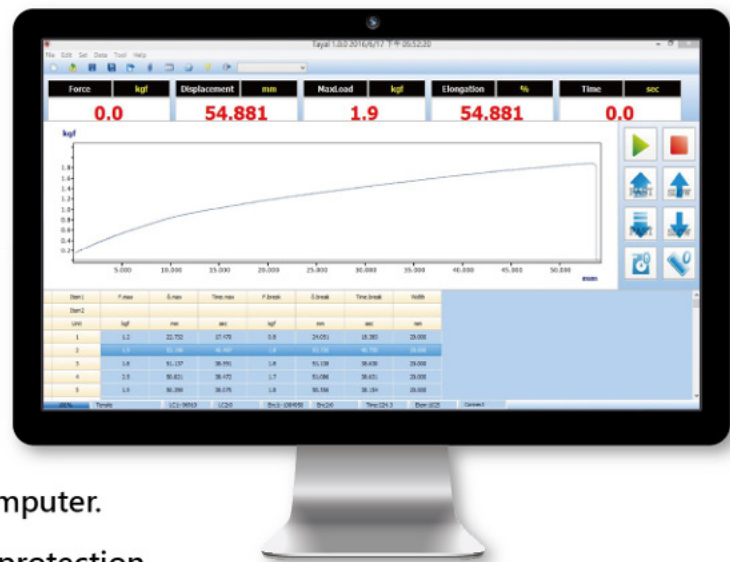
Standard Accessories - D2 Display

- 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

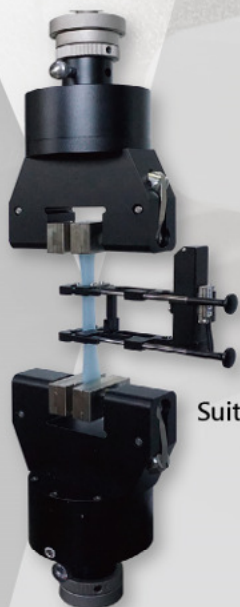


Optional Accessories - Software Function

- Has multiple analysis.
- Can customize data name.
- Sampling rate: at most 400Hz
- Has both Metric and Imperial unit.
- Can show/hide test data or graph
- Operation System: Windows 7 or above
- Can display multiple test data at once.
- Can save, load, list and compare data.
- Can reallocate test table to your preference.
- Can display in Chinese, English and Japanese.
- Control the machine thru TCP/IP port with computer.
- Can set up over-load, over-travel or overtime protection.
- Can run compression, tensile, bending, peeling tests... etc.
- Axis can be set to force, elongation, display, time, strain or stress... etc



Optional Accessories - Extensometer



QC-557 Short extensometer

Suitable for samples with elongation below 50%



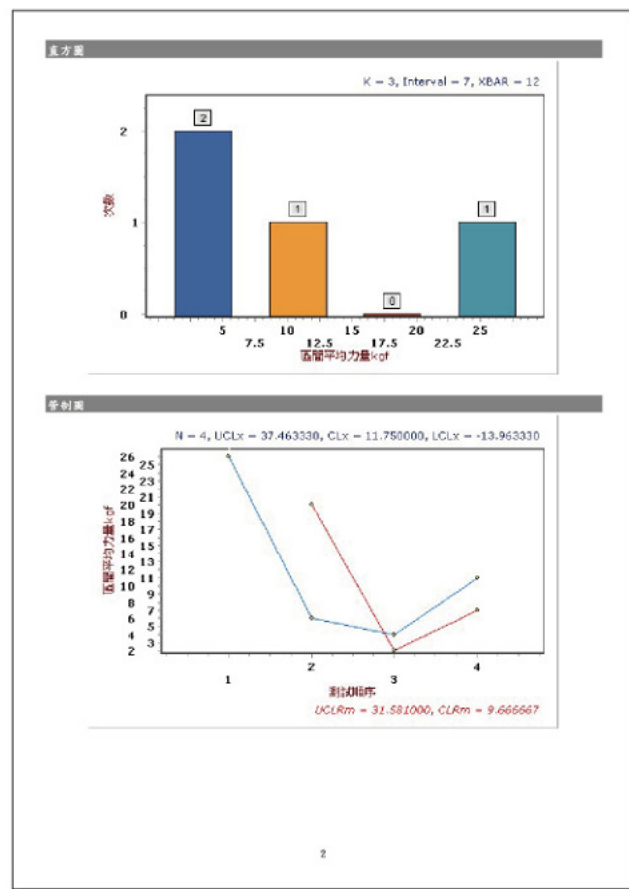
QC-551 Long travel extensometer

Suitable for samples with over 20% elongation

Report Form

Print Date/Time 2016/5/21 07:47:00

Company Information							
Name	Cometech Testing Machines Co., Ltd.						
Address	No.49, Ln. 39, Liancun Rd., Fengyuan Dist, Taichung City, 42082						
Tel.	04-25368881						
Fax	04-25368883						
E-MAIL	sales@come-tech.com.tw						
Specification							
Test NO.	1						
Test Spec	TEST1						
Tester	John						
Test Method	Tensile	Test Speed	500 mm/min				
Pre-Load	0.1 kgf	Test Date	2016-06-17				
Gauge Length	100 mm	Inertia	1.667 mm				
Width	20 mm						
Data Table							
Item1	Fmax	Emax	Time max	F break	E break	Time break	Width
Unit	kgf	mm	sec	kgf	mm	sec	mm
1	1.2	22.732	17.479	0.8	24.051	18.363	20.000
2	1.9	53.190	40.497	1.8	53.720	49.795	20.000
3	1.8	51.137	38.591	1.8	51.138	38.600	20.000
4	2.5	58.921	38.472	1.7	51.086	38.601	20.000
5	1.9	50.290	38.576	1.8	50.956	38.154	20.000
Max	2.5	53.190	40.497	1.8	53.720	49.795	20.000
Graph							



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

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