Dynamic Testing System UD-3600(With Temp. Oven)

The Dynamic Testing Machine not only can Automatically generate waveform, provide lots of data in real-time but also equipped with Temp. Oven. Know more relative information about Dynamic Testing System & Vibration Testing Machine below.

Feature

- Waveform : Automatically generate following waveform
    a. Sine waveform
    b. Triangular waveform
    c. Square waveform

- Data : Provide following data in real-time
    a. Absolute elastic constant (K*)
    b. Storage elastic constant K' (Store K')
    c. Loss elastic constant K" (Loss K")
    d. Loss angle (Angle δ)
    e. Loss factor (tan δ)
    f. Decrement coefficient (Damping C)
    g. Peak displacement value (Disp X)
    h. Peak-load value (Force P)
    i. frequency

Dynamic Testing System UD-3600XYZ

Feature

- Waveform : Automatically generate following waveform
    a. Sine waveform
    b. Triangular waveform
    c. Square waveform

- Data : Provide following data in real-time
    a. Absolute elastic constant (K*)
    b. Storage elastic constant K' (Store K')
    c. Loss elastic constant K" (Loss K")
    d. Loss angle (Angle δ)
    e. Loss factor (tan δ)
    f. Decrement coefficient (Damping C)
    g. Peak displacement value (Disp X)
    h. Peak-load value (Force P)
    i. frequency

Ozone Tester Chamber UA-2074

Feature

- Manufacturing in compliance with ASTM D−1171, JIS K−6259, and ISO 1431.
- Fully computerized for easy operation.
- Ozone concentration, temperature, chamber humidity and its stability are controlled and dynamic monitored via computer.
- Ozone concentration recorded automatically which ozone being detected automatically 0.1 sec one time and being displayed on the computer screen per 2 sec.
- A modulus machine which simplifies equipment maintenance.
- Co−development and producting with ITRI (Induatrial Technology Research Institute, top technical center in Taiwan) that ensures the machine with the best quailty and most advanced technology, ITRI would issue quality assurance certificate to every machine.
- CE certificated.

Tyre Plunger Testing System UP-2091

Feature

- Manufacturing inaccordance with ASTM F414, ISO 10191, JIS D4230 standards.
- Applied: good for motorcycle tyre, passenger car tyre, and light truck tyre.
- Maximum load capacity up to 50KN with facilitated devices, easy operations.
- Test types: Plunger test, Bead Unseating test .
- Dynamic showing test values at the selected point on any curves.
- Storage of test curves and test data, which can be exported to Excell, PDF....., etc format.
- Providing with plunger energy, strain, force, testing time, and average of plunger energy

Tyre Plunger Testing System UP-2092

Feature

- Manufacturing in compliance with ASTM F414/F870, ISO 1019 1/10454, and JIS D4230.
- Applied: good for motorcycle, passenger car tyre, light truck tyre, and heavy truck tyre.
- Maximum load capacity of 10 ton for plunger/vertical stiffness test.
- Test type: Plunger test, bead unseating test, vertical stiffness test, lateral stiffness test, bevel stiffness test, footprint analysis, dimension measurement, envelop stiffness test, torsion test, inflation pressure test, and static stiffness test.
- Dynamic showing test values at the selected point on any curve.
- Storage of test curves and data which can be exported to Excel, PDF....., etc format.
- Providing with plunger energy, strain, force, testing time, bead unseating force, average of plunger energy.....etc.
- UP-2092 is a highly honored model which has been used by world famous tyre manufactures and National Rubber Tire Ouality Inspection Center(Government Organization) inspecting imported tyres before entering, into China market.

Constant Temperature and Humidity Chamber (Standard type) UA-2079

Feature

- Temperature and humidity are controlled by P.I.D microcomputer.
- Well suited for testing with a wide range of operating temperature and humidity conditions.
- With low temperature and humidity fluctuation.
- High temperature and humidity uniformity.
- Clear and large view window.

Tyre Section Cutting Machine UA-2087

Feature

- Fast speed to cut off truck or car tires.
- Stable cutting speed with Tungsten steel material blade provides excellencent cutting results.
- Tyre cutting machine can be used to cut with all manufacture brands with max outer diameter to 1400mm.
- Stepless feeding rate let uer to change cutting speed upon tyre size to improve testing efficiency.
- U-CAN is the biggest supplier in tyre cutting machine in the East Asia area.

Dynamic Testing System UD-3600(200Hz)

The Dynamic Testing Machine can Automatically generate waveform, also provides lots of data in real-time. If you want to know more relative information about Dynamic Testing System & Vibration Testing Machine. Please contact us immediately.

Feature

- Waveform : Automatically generate following waveform
    - a. Sine waveform
    - b. Triangular waveform
    - c. Square waveform

- Data : Provide following data in real-time
    - a. Absolute elastic constant (K*)
    - b. Storage elastic constant K' (Store K')
    - c. Loss elastic constant K" (Loss K")
    - d. Loss angle (Angle δ)
    - e. Loss factor (tan δ)
    - f. Decrement coefficient (Damping C)
    - g. Peak displacement value (Disp X)
    - h. Peak-load value (Force P)
    - i. frequency

Tensile Strength Tester UT-3700

Feature

- Capacity : below 25,000kgf
- Windows XP based test system designed for easy operation.
- Automatic zero adjustment at the start of test.
- Applied for testing rubber, plastic, leather, metal, yarn/textile, cable/wire products.
- Provide tensile strength test, tear test, H-drawing test, compression test including set-up of its stop force.
- Provide adhensive test able to auto-calculate its average force at low, middle, high point.
- All test curves and values shown simultaneously while testing. It not only enables the user to gain and save feedback information for product parameters; also it allows to recall and print out for documentation

Rheometer MDR-A1

Characteristic

1.In compliance with ISO 6502, ASTM D5289, DIN 53529, JIS K6300-2, and GB/T 16584.
2.Provides in-depth scorch and optimum cure time analysis.
3.Mis-compounding system advises of possible causes for failed compounds.
4.The latest version of U-CAN's proprietary software is pre-installed. U-LIMS software is also available for purchase upon request, which allows users to set test conditions and view results remotely via an internet browser.
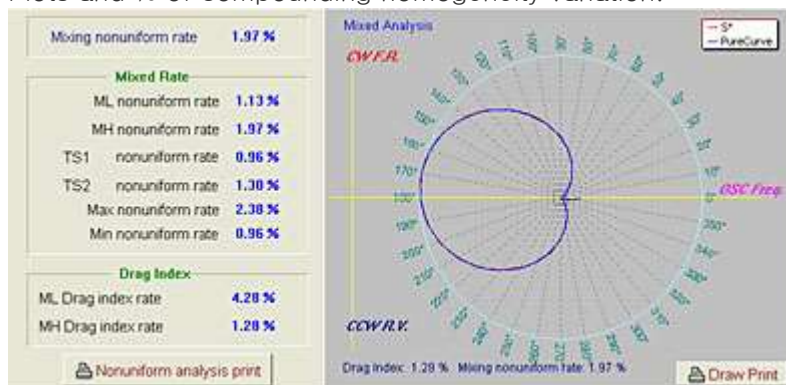
Rotorless Rheometer (Standard MDR Type) UR-2010SD

Special designed rheometer for silicon rubber testing.

Functions

a. In compliance with manufacturing standards ASTM D5289 , ISO 6502.
b. Providing S', S'', S*, ML, MH, CRI, loss angle, tangent δ, etc.
c. Plots and % of compounding homogeneity variation.

d. Excellent reproducibility and repeatibility by our exclusive DSP analyzing program.
e. Automatically calibrate loss angle and torque.
f. High sampling rate up to 1200 points per one oscillating sign wave to reflect the curing and chemical interaction.
g. Automatic zero adjustment at every start of testing.
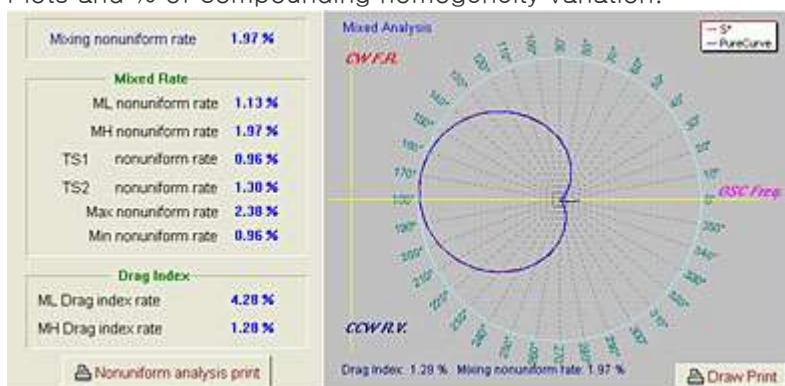h. High speed temperature recovery.
i.

Oscillating Disk Rheometer (Standard ODR Type) UR-2070

Special designed rheometer for silicon rubber testing.

Functions

a. In compliance with manufacturing standards ASTM D2084 , ISO 6502.
b. Providing S', S", S*, ML, MH, CRI, loss angle, tangent δ, etc.
c. Plots and % of compounding homogeneity variation.

d. Excellent reproducibility and repeatibility by our exclusive DSP analyzing program.
e. Automatically calibrate loss angle and torque.
f. High sampling rate up to 1200 points per one oscillating sign wave to reflect the curing and chemical interaction.
g. Automatic zero adjustment at every start of testing.
h. High speed temperature recovery.

Features

a. With VCH software, the accuracy of die oscillating frequency and torque transmission can be checked automatically.
b. Our U-CAD software provides contour lines of physical properties to help the users choosing excellent formula matching easily.

Mooney Viscometer UM-2050

Mooney Viscometer

UM-2050 Mooney Viscometer is in compliance with manufacturing standards ASTM D1646, JIS K6300. The Viscosity Test has more specifications, such as Automatic zero adjustment, Providing curves & logs.

Features

a. In compliance with manufacturing standards ASTM D1646, JIS K6300.
b. Provides curves and values of mooney viscosity, scorch time, and stress relaxation test.
c. Providing plot of Log Mooney Units versus Log Time from a Stress Relaxation Test.
d. Provides curves of softening rate and scorch rate.
e. Auto-mendable by one touch on designated function key in case of software default.
f. Automatic zero adjustment at the start of each test.

Tensile Strength Tester UT-3100

Feature

- Capacity : below 125kgf
- Providing force, strain, and stress values at breaking point and maximum point.
- Showing all testing curves on the monitor.
- Printing out all testing values and curves.
- Elongation test is an optional function for choosing.
- Automatic zero adjustmert at the start of each testing.

Tensile Strength Tester UT-2080

Feature

- Capacity : below 1000kg
- Windows XP based test system designed for easy operation.
- Automatic zero adjustment at the start of testing.
- Applied for testing rubber, plastic, leather, metal, yarn/textile, cable/wire products.
- Provide tensile strength test, tear test, H−drawing test, compression test including set−up of its stop force.
- Provide adhensive test able to auto−calculate its average force at low, middle, high point.
- All test curves and values shown simultaneously while testing. It not only enables the user to gain and save feedback information for product parameters; also it allows to recall and print out for documentation

Tensile Strength Tester UT-2060

Feature

- Capacity : below 2000kg
- Windows XP based test system designed for easy operation.
- Automatic zero adjustment at the start of test.
- Applied for testing rubber, plastic, leather, metal, yarn/textile, cable/wire products.
- Provide tensile strength test, tear test, H−drawing test, compression test including set−up of its stop force.
- Provide adhensive test able to auto−calculate its average force at low, middle, high point.
- All test curves and values shown simultaneously while testing. It not only enables the user to gain and save feedback information for product parameters; also it allows to recall and print out for documentation purpose.

Tensile Strength Tester UT-3200

Feature

- Capacity : below 5,000kg
- Windows XP based test system designed for easy operation.
- Automatic zero adjustment at the start of test.
- Applied for testing rubber, plastic, leather, metal, yarn/textile, cable/wire products.
- Provide tensile strength test, tear test, H-drawing test, compression test including set-up of its stop force.
- Provide adhensive test able to auto-calculate its average force at low, middle, high point.
- All test curves and values shown simultaneously while testing. It not only enables the user to gain and save feedback information for product parameters; also it allows to recall and print out for documentation purpose.

Tensile Strength Tester UT-3500

Feature

- Capacity : below 10,000kgf
- Windows XP based test system designed for easy operation.
- Automatic zero adjustment at the start of test.
- Applied for testing rubber, plastic, leather, metal, yarn/textile, cable/wire products.
- Provide tensile strength test, tear test, H-drawing test, compression test including set-up of its stop force.
- Provide adhensive test able to auto-calculate its average force at low, middle, high point.
- All test curves and values shown simultaneously while testing. It not only enables the user to gain and save feedback information for product parameters; also it allows to recall and print out for documentation purpose.

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