

JUSTICE TESTING INSTRUMENTS CO., LTD.

The outstanding product from profession

Digital Bursting
Strength Tester

Precision Type
Micro-Computer
Tensile Tester

Water Vapor
Pemeable Tester

Hydostic Head
Tester

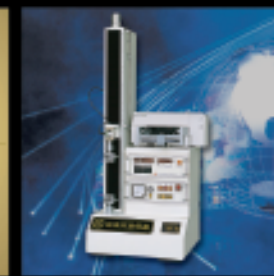
Micro-Computer
Universal Testing
Machine

Manual Moldin
Test Press

Materials Testing Machines
Quality-Control Instruments



JUSTICE



Materials Testing Machines

Quality-Control Instruments



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JUSTICE

Justice Testing Instruments Co.,Ltd.

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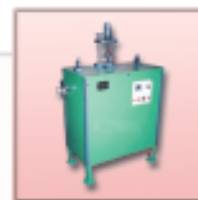
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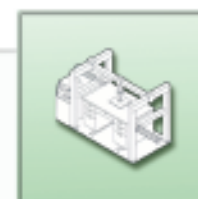
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JIA-802PC





◀ **JIA-901L**

MICRO-COMPUTER UNIVERSAL TESTING MACHINE

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by hydraulic control system.

Capacity:20~100ton
Resolution:1/10,000
(computer system 1/100,000)
Test speed: 0~60mm/min
Equipped with:printer
computer system optional

▶ **JIA-901M**

MICRO-COMPUTER UNIVERSAL TESTING MACHINE

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by motor control system.

Capacity:5,10ton(optional)
Resolution:1/10,000
(computer system 1/100,000)
Test speed: 10~200mm/min 7 stages
Equipped with:printer
computer system optional





◀ **JIA-801**

**MICRO-COMPUTER TENSILE
COMPRESS TESTER**

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by motor control system.

Capacity:10~2000Kg (optional)
Resolution:1/10,000
(computer system 1/100,000)
Test speed:25~500mm/min 7 stages
Equipped with:printer
computer system optional

▼ **JIA-801PC**

**COMPUTER SYSTEM TENSILE
COMPRESS TESTER**

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by server motor control system.

Capacity:10~2000Kg (optional)
Resolution:computer system 1/100,000
Test speed:1~1000mm/min
(key in by keyboard)
Equipped with:printer
computer system optional



▼ **JIA-903F**

COMPRESSION TESTER

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by motor control system.

Capacity:10~200ton (optional)
Resolution:1/10,000
(computer speed 1/100,000)
Test speed:10~200mm/min
7 stages
Equipped with:printer
computer system optional





◀ **JIA-802**
MICRO-COMPUTER
SYSTEM DESKTOP
TENSILE COMPRESS
TESTER

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by motor control system.

Capacity:10~2000Kg
Resolution:1/10,000
(computer system 1/100,000)
Test speed: 0~60mm/min
Equipped with:printer
computer system optional

▶ **JIA-802HPC**
COMPUTER SYSTEM DESKTOP TENSILE
COMPRESS TESTER

For testing strength in tension, compression, bending, testing...etc of various raw materials, it is actuated by server motor control system.

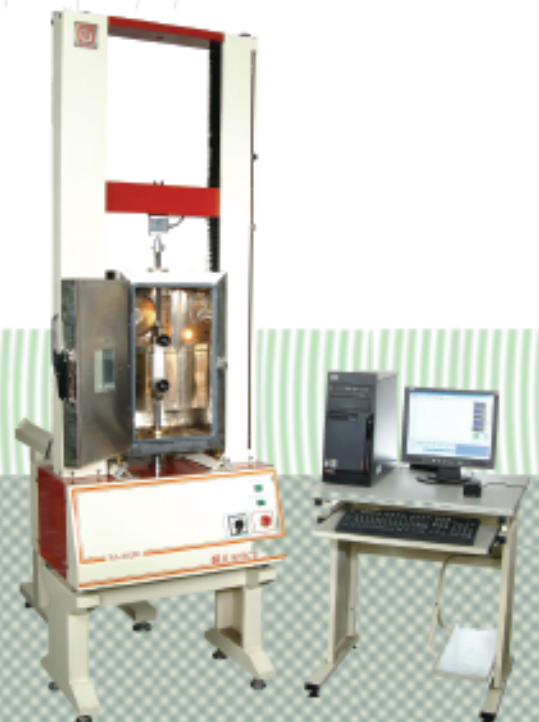
Capacity:10~2000Kg (optional)
Resolution:computer system 1/100,000
Test speed:1~1000mm/min
(key in by keyboard)
Equipped with:printer
computer system optional
Temperature: about 300 °C

▼ **JIA-610**

CHARPY IMPACT TESTER

It tests the amount of energy absorbed by the specimens of various metallic materials following the impact at a certain weight to decide its toughness.

Capacity:30°,50Kg-m (optional)
Lifting speed of Hammer:
About 36°/sec
Swing Angle:146°
Hammer Weight:Approx.31 Kg





TENSILE STRENGTH TESTING MACHINES

Specially designed to test the tensile, elongation, tearing, ...etc. of various materials. With A variety of models for the different fields, it can be selected in accordance with buyer's Specification.

CNS-8307,3958,3553,4396.3479.5451

▶ **JIA-602A**

TABLE TYPE TESTING MACHINE(MOTOR DRIVE)

Sensing method:Load cell
Capacity:1~50Kg (optional)
Resolution:1/10,000
Speed:25~500mm/min
Indicator:LED display(JIA-2000)
Equipped with:printer optional



◀ **JIA-601A**

TABLE TYPE TENSILE TESTER (MOTOR DRIVE)

Sensing method:Force gauge
Capacity:1~50Kg (optional)
Resolution:1/200
Speed:25~300mm/min



◀ **JIA-602B**

TABLE TYPE TESTING MACHINE(MANUAL TYPE)

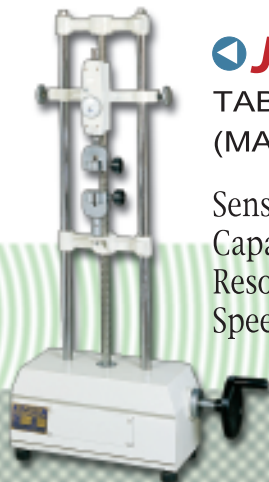
Sensing method:Load cell
Capacity:1~50Kg (optional)
Resolution:1/2,000
Speed: Manual type
Equipped with:printer optional



◀ **JIA-601B**

TABLE TYPE TENSILE TESTER (MANUAL TYPE)

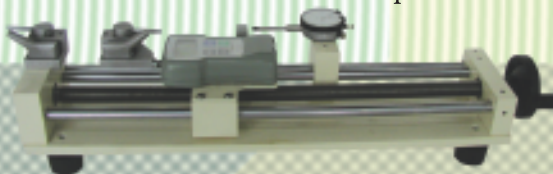
Sensing method: Force gauge
Capacity:1~50Kg (optional)
Resolution:1/200
Speed: Manual type



▼ **JIA-501**

HORIZONTAL TABLE TYPE TENSILE TESTER (MANUAL TYPE)

Sensing method:Force gauge (LED display)
Capacity:1~50Kg (optional)
Resolution:0.001~0.01Kg
Speed: Manual type





TENSILE STRENGTH TESTING MACHINES

Specially designed to test the tension, elongation, tearing, ...etc. of various materials. With A variety of models for the different fields, it can be selected in accordance with buyer's Specification.



▲ JIA-803

PRECISION TYPE MICRO-COMPUTER TENSILE TESTER

To test dry strength, wet and moisture strength, elongation rate, lea strength of single yarn or ply yarn thread, strength of fiber knot joint, hanging and pulling strength, seam strength of textile for all kinds of materials and knitting wears, specimen of knitting wear etc. There are strip method and grab method for stretch test. Also used for determining the tensile strength and elongation of longitudinal direction and lateral direction of paper.

- ▲ Sensing method: Load cell, Capacity: 10~500Kg
Resolution: 1/10,000
Speed: 10~500mm/min
Indicator: LCD display (JIA-2600 or JIA-2600E)
Equipped with: printer
computer system optional



TENSILE STRENGTH TESTING MACHINES

Specially designed to test the tension, elongation, tearing, ...etc. of various materials. With A variety of models for the different fields, it can be selected in accordance with buyer's Specification.



▲ **JIA-701**

ECONOMICAL TYPE MICRO-COMPUTER TESTING MACHINE

This machine adopt high precise load cell sensor, it can convert the testing resisting force into voltage signal, its linearity high approach to $\pm 0.03\%$, then received and resolved by force indicator, and display its testing value. Its resolution is 1/10,000.

- ▲ Sensing method: Load cell
- Capacity: 1~500Kg (optional)
- Resolution: 1/10,000
- Speed: 25~500mm/min
- Indicator: LED display (JIA-2500)
- Equipped with: printer optional



TENSION · COMPRESSION GRIP & FIXTURES EVERY TESTING NEED

▼ Wedge Grips

1 (500kg)



▼ Wedge Grips

2 (5 ton)



▼ Fabrics(Strip Method)

3



▼ Fabrics(Grab Method)

4



▼ Webbing Grips

5



▼ Elastomeric Grips

6



▼ Pliers Grips

7



▼ Cord & Yam Grips

8



▼ Cord Capstan Grips

9



▼ Needle Holding Grips

10



▼ Pneumatic Flat Grips

11



▼ Compression Platens

12



▼ Beak Grips

13



▼ Litex & PE Film Grips

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▼ Toggle Grips

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▼ Bending Fixture

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▼ Pneumatic Nylon Wire

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▼ Eccentric Grips

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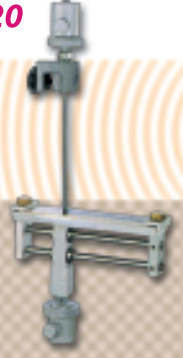
▼ 180° Peel Strength Grips

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▼ 90° Peel Strength Grips

20





ENVIRONMENTAL MACHINES



▲ JIA-605M(L)

TEMPERATURE & HUMIDITY TESTER

JIA-605 series are used for testing various specimen's endurance under heat, cold, drought and wet environment.

Temp. range: -10~100°C , -20~100°C
-40~100°C , -60~100°C
(optional)

Humid. range: 20~98% RH

Temp. accuracy: ±0.3°C

Humid. accuracy: ±2.5% RH

Interior: 40X50X40 cm(M)

50X60X50 cm (L) (optional)

Equipped with:99 programs, 99 cycles
(optional)

▼ JIA-607A

SALT SPRAY TESTER

It tests the anti-erosion of the surface of all materials after the rust-proof of painting, coating,etc.

Test chamber:60X40X45 ·
90X60X50

200X100X50 cm (optional)

Chamber temp.:35°C/50°C

Air-tube temp.:47°C/63°C

▼ JIA-603

FREEZING TESTER(vertical)

Specially test cold-endurance of materials or products to ensure its low temperature properties

Temp. range: -30~100°C
-50~100°C
-70~100°C (optional)

Temp. accuracy: ±0.5°C

Interior: 40X40X50 cm(M)

50X50X60 cm(L) (optional)



▼ JIA-606

QUV ACCELERATED WEATHERING TESTER

This tester reproduce the damage caused by sunlight, rain and dew in order to get specimen's weathering durability.

Temp. range:UV temp.40~90°C

condensation temp.40~60°C

Lamp Q'ty:Ultraviolet lampX8,sparesX4

Water: tap 8 liters/day





RUBBERS \ PLASTICS \ FOOTWEAR \ LEATHERS TESTING MACHINES



JIA-205

BURSTING STRENGTH TESTER ASTM-D2210

This machine is used for determining the bursting strength of paper and corrugated board.

Sensing method: Pressure gauge
Capacity: 20, 50, 100 kg/cm²
(equipped with two of them)
Hydraulic speed: 170 ± 20 cc/min



JIA-205A

DIGITAL BURSTING STRENGTH TESTER

Pressure value is shown by transmitting electronic signal, it is retained the maximum pressure value automatically while testing sample is broken.

Sensing method: Pressure Transmitter
Capacity: 0 ~ 100 kg/cm²,
0 ~ 20 kg/cm² (Optional)

JIA-603

FREEZING TESTER (vertical) (Horizontal)



Specially test cold-endurance of materials or products to ensure its low temperature properties

Accessories of Freezing Tester

JIA-603-1
FLEXING GRIPS



JIA-603-2
SHOES BENDING &
ROSS FLEXING GRIPS



JIA-603-3
IMPACT GRIPS



JIS-K6545

ASTM-D1052 BS-5131

ASTM-D1593 ASTM-D1790

JIA-501E

HORIZONTAL DESK TYPE TENSILE TESTER

It tests properly the tensile strength of electric resistance, capacity, terminal, thin metal wire, thin paper, and other low tensile strength of materials.
Sensing method: Force gauge

Capacity: 1 ~ 50kg (Optional)
Resolution: 1/5,000
Speed: Manual type
Indicator: LCD display



JIA-CS-22C

UNIVERSAL WEAR TESTER

It's a multifunction and precision instrument to measure the abrasion resistance for the surface, bend and edge of paper, plastic, rubberetc.

Tension weight: 2~1/2LB, 2~1LB, 1~2LB
Head weight: 2~1/2B, 2~1LB
Table stroke: approx. 1"
Reciprocal speed: 120cpm
Compression: 1~9PSI



JIA-718

PERSPIRATION TESTER
JIS-L-0822

Completely and averagely sock specimen into acid and alkaline artificial sweat liquid for 30 minutes, press it by this tester at the specified time and temp. to evaluate the grade of perspiration-endurance against comparison of grey scale mark.

Specimen: A6X6cm \ B10X4cm \ AATCC5.7X5.7cm
Load: CNS4.5kg
Acrylic plate: 115LX63WX3Tmm

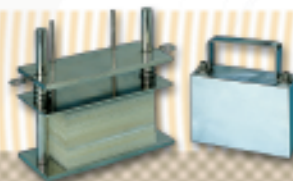


JIA-718A

PERSPIRING TESTER

Completely and averagely sock specimen into acid and alkaline artificial sweat liquid for 30 minutes, press it by this tester at the specified time and temp. to evaluate the grade of perspiration-endurance against comparison of grey scale mark.

Specimen: 6 x 6cm
Load: 8 LB
Acrylic plate: 115L x 63W x 3T mm



ISO-105E04 AATCC-RR52



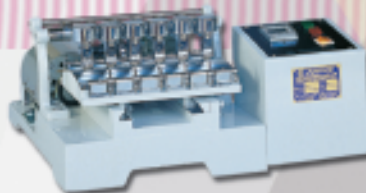
RUBBERS、PLASTICS、FOOTWEAR、LEATHERS TESTING MACHINES

▼ JIA-720

DYENG RUBBING TESTER
JIS-L0801

Coat surface of abrasive hammer of the tester with dry, wet white cotton cloth then abrade colored specimen with the certain load and fixed times to evaluate it's grade of colordyeing abrasive firmness.

Rubbing speed:30cpm
load:200,500g
Rubbing space:100mm
Counting method:
electronic auto-counter.auto-stop



▼ JIA-719A

HYDROSTATIC HEAD TESTER
DIN-53-886

It's used for determination of the resistance of waterproof cloth, fabric, synthetic, leather and leather to water penetration.

Pressure:0~4kg/cm² (40000mm Aq)
Test area:100cm²
Speed:adjustable
Equipped with:air compressors



◀ JIA-906D

BALLY PENETRATION TESTER
DIN-53338

Test shoe upper material of leather, synthetic leather, cloth.....etc. against water penetration, which is taken the specimen immersing in water and flexing by a constant speed.

Load:steels balls Ø1/8",weight135±5g
Stroke:2,3,4,6mm (satiabie)
Test speed: 90cpm: 60cpm
Counter:6 figures LCD



▼ JIA-905 BALLY LEATHERS FLEXING TESTER JIS-K6545

This device is suitable to test thin leather products for vamp, dress cloth and bags.

Specimen:70X45mm
6set or12set (adjustable)
Flexing angle:22.5°
Flexing speed:100cpm
Counter:6 figures LCD



◀ JIA-907

SAMPLE BUFFING MACHINE
JIS-K6301

This machine will be able to grind the surface of the material and take the necessary thickness of materials for testing.

Grinding wheel:30#,Ø6"
Speed:50HZ~1420rpm
60HZ~1720rpm



◀ JIA-906A

MAESER WATER PENETRATION TESTER
ASTM-D2099

Test shoe upper material of leather synthetic leather, clothetc. against water penetration, which is taken the specimen immersing in water and flexing by a constant speed.

Load:steels balls Ø1/8",weight135±5g
Stroke:1"(About 29°)
Test speed: 90cpm
Counter:6 figures LCD



◀ JIA-908

CUTTER PRESS
ASTM-K6301

For taking specimen of rubber.
Cut method:Downward type





RUBBERS、PLASTICS、FOOTWEAR、LEATHERS TESTING MACHINES



▶ JIA-908C

LASER CUTTER

The cutter is produced by laser high-technology with precise accuracy.

Cut accuracy:±0.1mm
Thickness of blade:0.7mm
Applicable material:rubber, plastic, leather, paper.....etc.



▶ JIA-APS1000

AUTO-PNEUMATIC CUTTER PRESS

It's actuated by pneumatic source to take the various specimen for testing.

Capacity:1000Kgf
Required air:6Kg/cm²
Work desk of Max high:320mm
Test area:250X250mm



▼ JIA-909A

HYDRAULIC MOLDING TEST PRESS GB-6038

This machine is actuated by motonized hydraulic system and for preparing test specimen from raw materials.

Pressure source:oil pressure system
Capacity:10,30,50ton(optional)
Temp.: room temp.~300°C
Electronic timer:999hr-min-sec

▲ JIA-908H

HARDNESS PLASTIC SPECIMEN CUTTING MACHINE

It's used to finish the hard plastic materials into the standard dumbbell specimens for tensile and elongation tests.

Rotation speed:1800rpm
Specimen mold:1 set

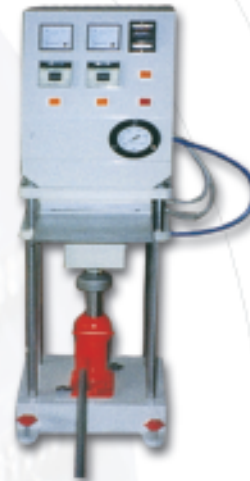


▶ JIA-909

MANUAL MOLDING TEST PRESS GB-6038

It's operated by manual and for preparing test specimen from raw material.

Pressure source: jack
Capacity:10,30,50ton(optional)
Tnp.:room temp.~300°C
Electronic timer:999hr-min-sec



▼ JIA-911A

FOAM RUBBER HARDNESS TESTER JIS-K6382

Compress the specimen to 25% of the original thickness for 20sec and divide the load by specimen's area to get its compression hardness.

Specimen:50 x 50 x 25mm (W x D x H)
Capacity:110Kg
Resolution:1/10000
Compressing distance:φ 200,with hole
(φ 6,pitch 19mm)

▶ JIA-910

SAFETY SHOES IMPACT TESTER CNS-6863

Put the safety shoe under the impact site, check the damage and or warp of it after hit by hammer from specified height.

Hammer weight:20kg
Angle of hammer knife edge:90° R3mm
Drop height:120、300、450mm



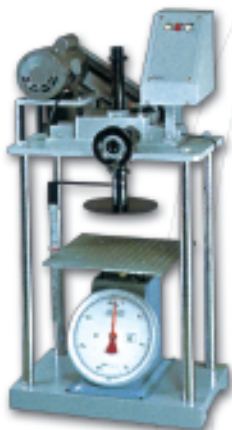


RUBBERS、PLASTICS、FOOTWEAR、LEATHERS TESTING MACHINES

JIA-911B ◀ FOAM RUBBER HARDNESS TESTER JIS-K6382

Compress the specimen to 25% of the original thickness for 20sec and divide the load by specimen's area to get its compression hardness.

Specimen:50x50x25mm(WxDxH)
Capacity:30Kg
Compressing distance:0.01~20mm or optional
Compressing distance:
φ200, with hole(φ6,pitch 19mm)



▶ JIA-911C

FOAM RUBBER RECIPROCATING COMPRESSION TESTER

Compress the specimen(foam material) to measure its permanent deformation ratio.

Specimen:50X50X20mm (WxDxH)
Compressing speed:60cpm
Compressing distance:
10~100mm (adjustable)
Counter:6 figures LCD



▶ JIA-913B

FOAM RUBBER RECIPROCATING COMPRESSION TESTER

Drop Height 400mm
Plunger Weight 28g
Specimen's Thickness 12.5mm



▶ JIA-912A

DROP IMPACT TESTER

It tests the sample to fall from the grips at the special height to tested ground, and then we observe the degree of damage.

Drop height:
2M or designated
Drop Method:
DC electromagnet controller
Material of tested ground:
Metal, cement, wood, and etc.

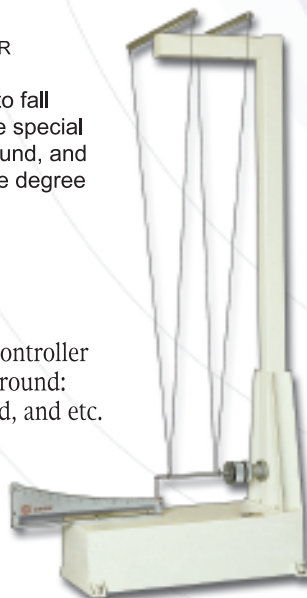


▶ JIA-913A

REBOUND RESILIENCE TESTER
JIS-K6301

To test the bouncing resilience of vulcanized rubber.

Specimen: Ø28.68~29mm
,T12.7mm
Scale's horizontal length:
L625,R2000mm
Scale's vertical height:
100mm (in vertical site)
Drop height:100mm(vertical)
Iron Bar:Ø12.7mm,L356mm
,R6.35mm,
weight350g



▶ JIA-912

DROP BALL IMPACT TESTER
JIS-K6745

The striker with a definite weight drop freely from specified height to strike specimen for judging its quality.

Drop height :2M or specified
Control method of drop ball:
Adopt DC electromagnetic control(VDC)
Weight of steel ball:
112,198,225,357
533,1041,2280g
(optional)



▶ JIA-914A IZOAD

IMPACT TESTER

It specially tests the amount of energy absorbed for rigid plastic after impacted at a certain angle by specified weight to judge their specific toughness.

Model: IZOAD
Capacity: 30, 50, 150kg/cm (Optional)
Test speed: 3.4m/sec
Test angle: 150°



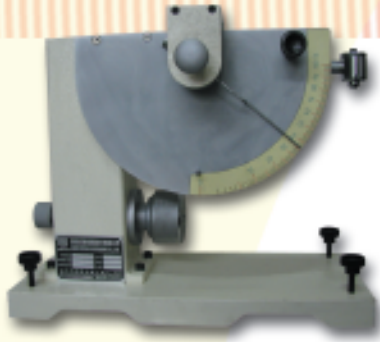
▶ JIA-914B CHARPY

IMPACT TESTER

It specially tests the amount of energy absorbed for rigid plastic after impacted at a certain angle by specified weight to judge their specific toughness.

Model: CHARPY
Capacity: 30, 50, 150kg/cm (Optional)
Test speed: 3.4m/sec
Test angle: 150°





◀ JIA-913C

IMPACT RESILIENCE TESTERS

Specially test rubber elasticity, get the rate of bounce energy and original bumping energy after the specimen struck and hammered from the certain height and down also bumped. The elasticity of rubber has close connection with heating, abrasion and sulfuration function. Therefore, the elasticity test is very important.

Specimen: $\phi 35 \pm 5\text{mm}$, (Thickness)12.5mm
Hammer : $\phi 12.5\text{mm}$, (Length)200 \pm 0.5mm
Hammer Weight:300g
Dimension (WDXH) :20X50X46cm
Weight:22kg

▼ JIA-915

COMPRESSION AND DEFORMATION TESTER

Specially test rubber in static compression under a certain temperature & time period.

Compressing ratio : 40%、30%、25%、20%
Supporter thickness : 7.62、8.89、9.52、10.16mm



▼ JIA-919D



DIN TYPE ABRASION TESTER

This tester is used to evaluate the resistance of rubbers or other elastomers during friction and wearing.

Load:2.5~12.5N,5~15N,7.5~17.5N
10~20N
Drum dia : 150mm
Drum rotation : 40rpm
Grip displacement : 4.2mm
/per drum revolution



RUBBERS 、 PLASTICS 、 FOOTWEAR 、 LEATHERS TESTING MACHINES



◀ JIA-916

DUPON IMPACT TESTER
JIS-K5400
Put the coated specimen under the impact site, check the damage and or warp of it after hit by hammer from specified height.

Drop height:50~500mm
Interval 50mm
Hammer:3000、5000、1000g
Impact head radius:1/2",1/4",3/16",1/8",1/16"

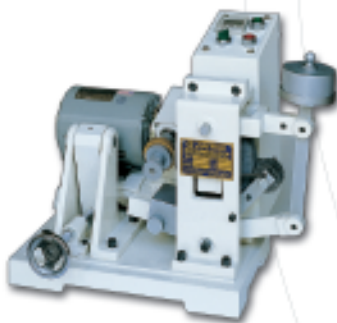


◀ JIA-917

ELECTRIC FURNACE

Be used in material's heat treatment, resolution, reaction of high temperature and ash analysis.

Interior:10X20X10cm
15X30X10cm
20X40X15cm (optional)
Temp. range:400~1100°C



◀ JIA-919

AKRON TESTER
BS-903
It's applicable for testing the abrasive consumption of rubber products as sole, tire.....etc.

Grinding wheel: grain size40#
Specimen slanted range: 0~45
Specimen rotating speed:85±5rpm
Load:20、6LB



◀ JIA-918

DRYING OVEN

Dry, bake and preheat various materials or specimen. By means of hot-air circulation, heat and temp. distribution are uniform.

Model:S、M、L
Interior:30X30X35、40X40X45
、50X50X60cm(optional)
Temp.:room temp.:
room temp.~200°C or 300°C

▼ JIA-919N

NBS RUBBER ABRASION TESTER
ASTM-D1630

Load the specimen to abroad it with the griding paper on a rotating roller to check its consumption.

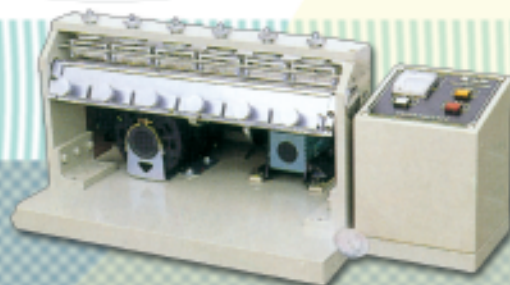
Rotation speed:45±5rpm
Load:2265g 3pcs
Drum Dia: Ø150mm
Counter: 6 figures LCD

▼ JIA-920

ROSS FLEXING TESTER
ASTM-D1052

Specially test the flexibity endurance of rubber, sole, PU.....etc.

Grips:6set (12 pcs of specimens)
Flexing angle:MAX90 °
Test speed:100±5rpm
Counter: 6 figures LCD





RUBBERS 、 PLASTICS 、 FOOTWEAR 、 LEATHERS TESTING MACHINES

◀ JIA-921



DEMATTIA FLEX CRACKING TESTER ASTM-D813

It observes the cracking endurance of specimens i.e. rubber, leather, EVA, sole.....etc. until flexibility fatigued.

Specimen:140~155LX20~25wX6Tmm
Grip space:19~75 or 65~90mm
Test speed:300±10cpm
Counter:6 figures LCD

◀ JIA-923B



UV TEST CHAMBER ASTM-D1148

Simulate the circumstances of sunshine radiation in chamber to test the resistance to discoloration of shoe materials.

Light source:lamp tube
Specimen pan:repose
Test space:150 , 250mm (fixed)
Timer: 24hr

◀ JIA-922

SHOES FLEXING TESTER

The tester is used for testing the bending durability of shoes to improve its quality.

Test speed: 100cpm
Flexing angle : 0~90° (adjustable)
Counter : 6 figures LCD



▼ JIA-924A

CROCK METER (MOTOR TYPE)

To test dyed textile, decolored extent of leather after abrasion. First, coated abrasive hammer with dry or wet white cotton cloth, then abrade repeatedly to specimen clamped on testing table for ten times within 10 seconds thus can appraise grade of color-dying firmness.

Load : 900g
Rubbing speed : 60cpm
Rubbing space : 100mm
Rubbing hammer diameter :
Ø16mm
Battery timer : 6 figures



◀ JIA-923A

UV TEST CHAMBER ASTM-D1148

Simulate the circumstances of sunshine radiation in chamber to test the resistance to discoloration of shoe materials.

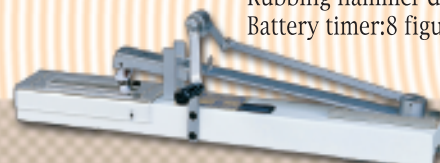
Light source:sunlamp
Specimen pan:Ø45mm(revolving type)
Rotation speed: 0~40rpm(adjustable)
Test space:150~250mm(adjustable)
Light irradiance: adjustable
Timer:0~999hr
Max Temp. : 200°C



▼ JIA-924B CROCK METER (MANUAL TYPE)

To test dyed textile, decolored extent of leather after abrasion. First, coated abrasive hammer with dry or wet white cotton cloth, then abrade repeatedly to specimen clamped on testing table for ten times within 10 seconds thus can appraise grade of color-dying firmness.

Load:900g
Rubbing speed:Manual type
Rubbing space:100mm
Rubbing hammer diameter:Ø16mm
Battery timer:8 figures





▼ **JIA-925** TABER TYPE ABRASION TESTER
ASTM-D1175



It 's applicable for testing the abrasion of cloth, paper, tile, plywood, leather, ...etc.

Rotation speed: 60rpm
Load:2500、5000、1000g
Grinding wheel:Ø2"
Counter:6 figures LCD
Equipped with:vacuum cleaner

▼ **JIA-926** WATER BATH TESTER
ASTM-D1693



Sock specimen in warm water after the specified time to observe whether its surface has a blister, discoloration, swell.....etc.

Temp. : room temp.~100°C
Interior : 30X20X20cm
Mixing motor : 20W

◀ **JIA-927**

AGING OVEN TESTER
ASTM-D2436



Make the deterioration of vulcanized for figuring the changing rate of pulling and elongation before/after heating.

Interior:30X30X35
40X40X45
50X50X60cm
Max Temp. : 200 or 300°C
Specimen pan:about 8rpm
Counter:999hr

▼ **JIA-928**

DEFLECTION TEMPERATURE BATH
ASTM-D648

The determination of the temperature of specimen, at which a specified deflection occurred, immersed in oil-bath subjected to a certain bending stress.

Temp. control:programmable ,
room temp.~300°C
Load:10、20、30、50、100、200、
300、500g
Deflection gauge:0.01~10mm



▼ **JIA-929**

OIL BATH TESTER
GB-1690

Specially test the heat-endurance oiliness of rubber products such as oil seal, oil-protection coil.

Temp. range : room temp.~300°C
Test cup : φ38X300mmX6 sets
Test bath:20x20x30cm
Mixing motor 40W

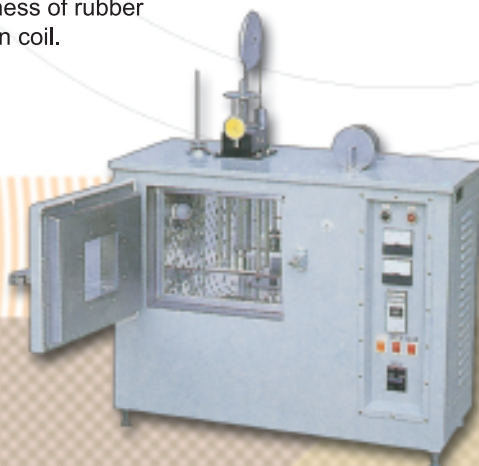


◀ **JIA-930**

SOFTENING POINT TESTER
ASTM-K6742

Put indenter on specimen and load force on the indenter into the chamber with heating speed of 1 /min, when the indenter penetrates into the specimen for 0.1m, record the required temp. to judge the quality of heat resistance.

Specimen size:15LX10WX2mm
Indenter:Ø1mm
Load:2kg
Microgauge:0.01~10mm
Temp.:room temp.~200°C



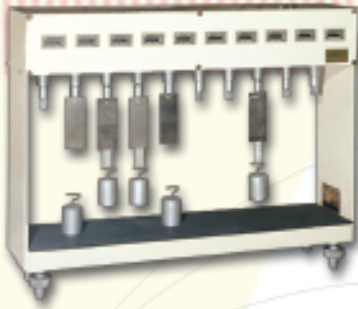


◀ **JIA-931**

TAPE RETENTIVITY TESTER

Roll one end of tape adhering to test plate, hang a specified load on lower end and then measure distance of slide after a certain time.

Model:A 5 sets B 10 sets
Test area:25X25mm
Load:1KgX5pc sor X10pcs
Battery timer:6 figures

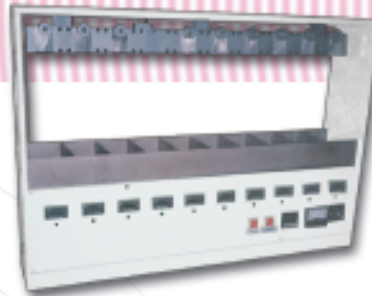


◀ **JIA-931H**

TAPE RETENTIVITY TESTER

Place the tape into the hot environment to test its retentivity.

Test specimen:AH5sets or BH10sets
Test area:25X25mm
Load:1kg 5pcs or 10pcs
Battery timer:6 figures

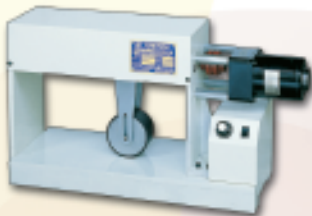


◀ **JIA-931-1**

MOTOR TAPE PRESSING ROLL

For specimen conditioning utilize the weight of roller rolling tape to sick it completely & smoothly to the testing plate.

Dia of roller:Ø833mm
Width of roller:45mm
Load:2000±5g
Test speed:0~300mm/min (adjustable)



◀ **JIA-931C**

TAPE RETENTIVITY TESTER

Place the tape into the hot environment to test its retentivity.

Test specimen:5 sets
Test area:25X25mm
Load:1kg 5pcs
Battery timer:6 figures



◀ **JIA-931-2**

MANUAL TAPE PRESSING ROLL

For specimen conditioning utilize the weight of roller rolling tape to grind it completely & smoothly to the testing plate.

Roll dia.:φ 83 mm
Roll Width:45 mm
Roll Weight:2000g±5g
Moving speed:Manual

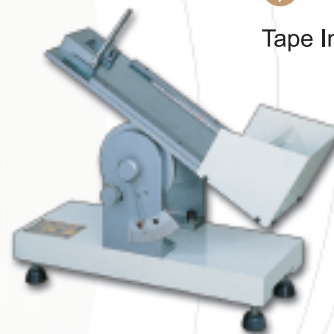


▽ **JIA-933**

Tape Initial Adhesion Rolling Ball Tester

Place the steel ball to the upper side of the tape on the specified tilting plate to check the number of balls which can stay at tape for 5 seconds.

Test specimen:A4sets · B1sets (optional)
Dia of roller:Ø1"~Ø1/16"
Angle of inclination:20~40° (adjustable)
Aided-Running Distance: 100X25mm (WXD)

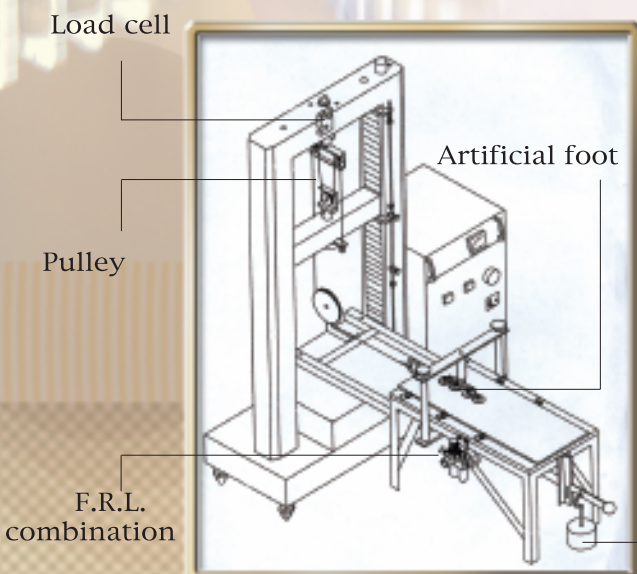


◀ **JIA-934**

COMPUTER SYSTEM NON-SLIP PROPERTY TESTER

Specially test the friction modulus of the bottom of shoe to evaluate its anti-slip characters.

Test speed: 50~250mm/min
Test stroke: 200mm
Friction plate: 600X250mm
Path: cement, asphalt, wooden, board.



Load cell

Artificial foot

Pulley

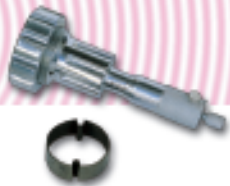
F.R.L. combination

balance load



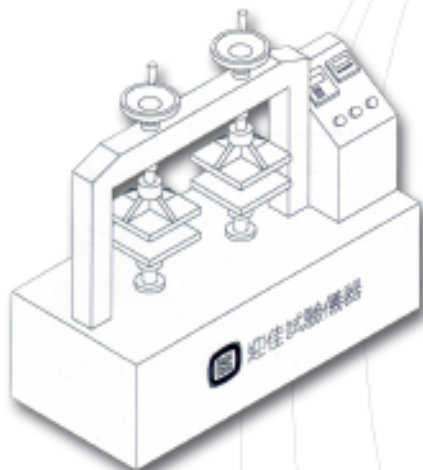
RUBBERS、PLASTICS、FOOTWEAR、LEATHERS TESTING MACHINES

◀ JIA-935 LEATHER CRACKING TESTER BS-5690



It's used for determining the abrasion resistance of upper, lining, socking, and similar types of shoe materials, particularly those made of fabric.

Specimen: $\phi 44 \pm 1\text{mm} \times 4$
Load: 595g、795g
Counter: 6 figures LCD



◀ JIA-938 RECIPROCATING DEFORMATION TESTER ASTM-D621

It tests the deformation of rubber, soft plastic and, especially for, anti-reciprocating fatigue compression.

Amplitude: 0~25mm (adjustable)
Frequency: 20~300cpm
Freq. indicator: 0~60HZ
(adjustable)
Counter: 6 figures LCD

◀ JIA-INS100 IRON NAIL DETECTING TESTER



It can detect the iron nails, staples, needles...etc. hidden in the material of shoes, cloth...and so on but fail to be extracted in the producing process.

Detect distance:
7cm for staple
30cm for Iron material
Alert method: buzzer & red LCD
Power: AC 9V
Dimension: 36.5X20.7X4.4cm(LXWXH)

◀ JIA-EW200SG (MD200S) DENSIMETER



It's with the switchable units as g, lb, ozt, dwt, gr, ct, pct, % and the function of weighing quantities as well as percentage.

Model: EW200SG, MD200S
Accuracy: 0.01g/cm³
Capacity: 0.01~200g
Accuracy: 0.001g/cm³
Capacity: 0.001~200g, MD200S

◀ JIA-CT MULTI-LIGHT COLOR COMPARISON LABINET JIS-Z8724



It's specially designed to supply standard & objective light source for precisely quality control in contrast of materials and color of products.

Interior: 67X56X35cm (WXDXH)
Light kinds: D65
(Artificial daylight D65, 6500 k)
A (Standard light type A, 2800 k)
F (High energy Fluorescent light TL84, 4000 k)
UV (Ultra-violet light, long wave)

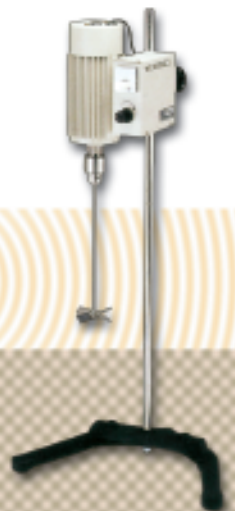
◀ JIA-VT03(04) VISCOSIMETER TESTER



Measure the viscosity of chemical solution for density adjustment and quality control.

Model: VT03、VT04
Rotating speed: 62.5rpm
Test range: 2~330cp (VT03)
0.3~4000p (VT04)

◀ JIA-DCG MIXERS & STIRRERS



Mix compound solution uniformly.

Mixing speed: 250~3000R.P.M
Mixing bar: $\phi 8 \times 500\text{Lmm}$
Motor: 100W

◀ JIA-PH PH METER



Test the PH values of various solutions.

Test range: 0.00~14PH
Resolution: 0.01PH
Buffer solution: 10.000、7.000、
4.00PH
each 30 CC



ELECTRIC APPLIANCE TESTING MACHINES

JIA-516A

ADHESION-TEARING STRENGTH TESTER

This machine can test the adhesive force of copperfoil circuit on the pc board and the density of object surface which tinfoil leadfoil, tape.....etc. are adhered.

Capacity:2~50kg
(B Force gauge) (A LED display)
Resolution:1/200 (LED display 1/10000)
Test speed:10~100mm (adjustable)
Peeling angle:90

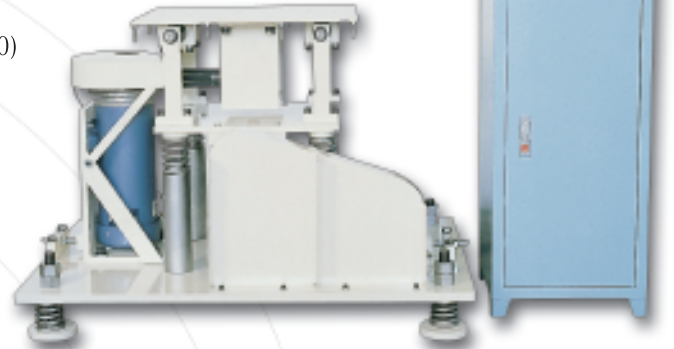


JIA-611A

VIBRATION TESTER

This machine is specially designed to test the vibration-resistance of finished products or components of electron, electric appliance.....etc.

Vibrating direction:
up/down, left/right
Vibrating speed: 10~60HZ
Amplitude:0~4 mm(adjustable)
Counter:999 min, 2set
Direction:up/down then left/right

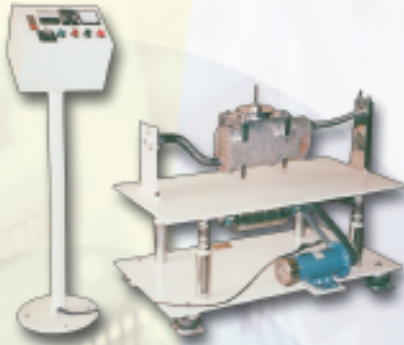


JIA-611B

VIBRATION TESTER

This machine is specially designed to test the vibration-resistance of finished products or components of electron, electric appliance.....etc.

Vibrating direction:
up/down or left/right (optional)
Vibrating speed: 10~60HZ
Amplitude:0~4 mm(adjustable)
Counter:999 min, 1set

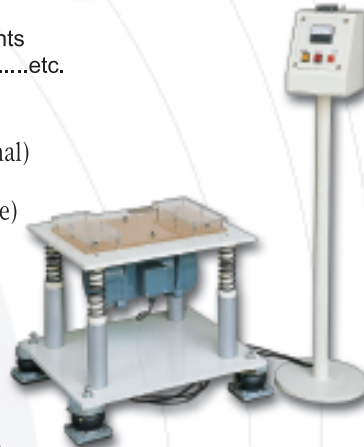


JIA-611C

VIBRATION TESTER

This machine is specially designed to test the vibration-resistance of finished products or components of electron, electric applianceetc.

Vibrating direction:
up/down or left/right
Vibrating speed:
23HZ (1400 CPM)
Amplitude:0~4 mm (adjustable)
Counter:999 min, 1set



JIA-612

BRITTLENESS TEMPERATURE TESTER
ASTM-D746

The test specimens are mounted to a Cantilever grips and immersed in a Low temp. then strike specimen with the tip of hammers to detect whether it has fracture or not.

Temp. range:0~-80°C
Impacter 's radius:1.57 mm
Specimen:Plastic 38X6X2 mm
Rubber 36X6X2 mm



JIA-613

DIELECTRIC WITHSTANDING TESTER
JIS-C-3004

This tester is to test the damaged extent of conductor or various materials of insulator caused by the voltage endurance.

Capacity:10KVA · 5KVA · 0.5KVA (optional)
Output voltage: (10KVA) AC 10KV, 20KV ,
5KVA) AC 7.5KV, 15KV
(0.5KVA) AC 0.5KV, 10KV
(optional)

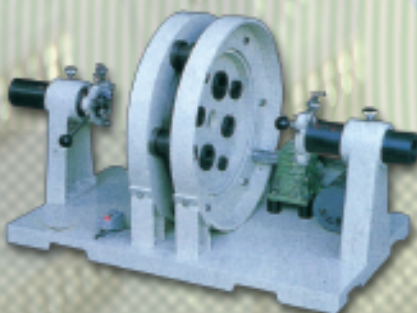


JIA-614

CORD FLEXIBILITY TESTER
JIS-C-3004

This machine is to test the degree of the damage, and cracking after cables and wires are testing to decide their quality.

Rotating speed:20rpm
Power:1/3HP



JIA-615 PLUG BENDING TESTER UL-8170 / CNS-6797

Specially test the life of extended wire of plug, when specimen is bended and circuit breaking happened, electric current source can't supply, the operation will auto-matically cease.

Specimen:6 set
Flexing angle:30 · 45 · 60 · 90
(adjustable)
Flexing speed:10~60cpm (adjustable)
Load:100 · 200 · 300 · 500g, each 6sets
Counter:7 sets (separatory 6 sets)





ELECTRIC APPLIANCE TESTING MACHINES

◀ JIA-616

DIELECTRIC & INSULATION TESTER

It performs the test of withstanding voltage of various electric materials or measures its insulator's resistance.

Capacity:AC2.5/5KV
Applied voltage:DC500V
Impedance:0~500 MΩ
Cutoff current:0.5、1、3、5、10mA (5 steps)
Counter:0~60sec



◀ JIA-617

PARALLEL PLATE PLASTOMETER JIS-C-3005 / UL-1581

It's used to test the deformation rate of specimen under a specified load and temperature.

Model:A 1 set、B 3 sets
Load:50、100、250、500、1000g
Temp.:natura~200°C
Microgauge:0.01~30mm



▼ JIA-618A1

MANUAL TYPE CORD TORSION TESTER

This machine tests the strength of torsion of various metal wires and the torque-resistant of enamel-insulated wire. The test sample is tested by clamping two ends which one of them is fixed and the other one is rotated continuously or reciprocally until the metal wire is broken or the conductor is appeared due to the lacquer is fallen. It will count the revolutions.

Rotating speed : 0 ~ 60 rpm
Grips Space: Max 500 mm (Adjustable)
Counter: 6 Figures
Dimension: 128X48X130 cm (WXDXH)

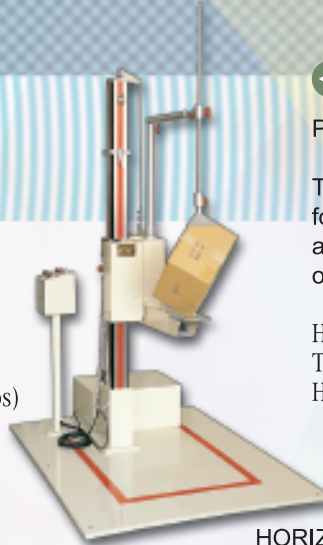


◀ JIA-619

PACKAGE DROP TESTER

This machine is designed specially for testing the damage packaged, all the rhombohe-dron, angle, face of the package container can be tested.

Height range:50~150 cm
Test space:W85XD120XH40~150 cm
Height adjustment:motor driver



▼ JIA-620A

HORIZONTAL VERTICAL FLAME TESTER UL-62

This machine is to perform fire-protecting of insulator or sheathing.

Model: vertical type , horizontal type
Timer:2 sets 0~99 sec
Length of specimen:300 , 457mm
Counter:0~9999 Times



◀ JIA-621

CORD WINDING CRACK TESTER JIS-C3005

The specimen is put inside chamber to perform the rolling test under the specified freezing condition for checking its crack or fissure.

Temp. range :room temp.~-50°C
Dimension:40X40X50 cm
Rod:4 rods, 1.5~2 times the t hickness of specimen

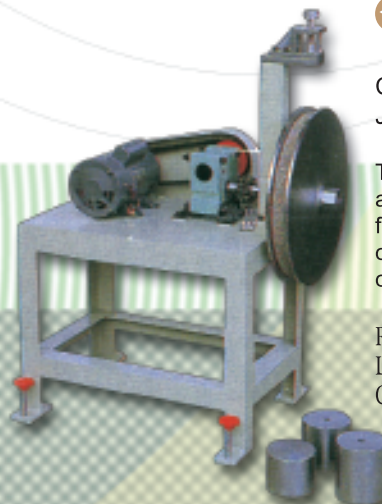


◀ JIA-622

CORD ABRASION TESTER JIS-C-3004

This machine is to test the abrasion after received turning and pressure from this machine for a period of time of grinding so as to find out damage of cover and inner conductor.

Rotating speed:60rpm
Load:5、5、6 kg
Grinding wheel :φ35cm、# 36





ELECTRIC APPLIANCE TESTING MACHINES



JIA-623

PLUG ABRUPT PULL TESTER
UL-817

This machine is specialized in testing abrupt/rotary pull strength between the blades and conductors, it can also execute the current test independently.

Specimen:6 set
Abrupt pull weight:2.5LBX6 "or 10"
impact speed:10cpm
Rotating weight:3LBX6 360
Load weight:15LBX6
Load current:40A/0~12V
Timer:0~3 min
Counter:6 figures



JIA-624

PLUG STATIC PULL TESTER
UL-817T

This machine is suitable to test load strength test of the blades, terminals and insulator of power-supply cords.

Table speed:530±5mm/min
Load:(5lb · 10lb · 15lb)x6
Timer:6 figures
(H.M.S adjustable)
Test volume:6 PCS



JIA-927B

PLUG BALL PRESSURE TESTER
IEC-884-1

It's used for measuring the heat-endurance and pressure resistance of the cord, place specimen in the chamber at 100 under a specified load to check its depth of concavity, it will be qualified, if the depth is within 2mm.

Temp. range:room temp.~200°C
Pressed weight:20N
Radius of ball end:R2.5mm
Dimension:40X40X45cm

JIA-618B

MANUAL TYPE CORD TORSION TESTER
CNS-657

This is to test torsional strength of the conductor or copper, lead, aluminumetc.

Model :manual type
Grip space:0~200mm
Counter :machine 6 figures



JIA-927W

PLUG CONSTANT TEMPERATURE HOISTING TESTER
UL-817

This machine test the displacement speed of the blades of cord which is placed into the chamber at a constant temp. and with a specified load.

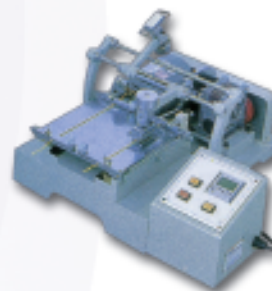
Temp. range:room temp.~200°C
Load:10LBX12
interior:50X50X60 cm
Timer:0~6hrs

JIA-636

SURFACE MARKING TESTER
UL-15810 · 1690

It's professional in testing detect the durability of printing on the cord, cable and wire.

Rubbing hammer weight:450±5g
Rubbing speed:10cpm Rubbing:100cpm
Counter:electronic type 6 digits



JIA-625

SPARK TESTER
UL-62

Apply certain voltage between conductor and electrode for a certain time to test the endurance ability of that voltage, in the meantime, the circuit indicates position of pin hole and counts its number.

Capacity:300VA , 500VA (optional)
Electric length:600mm

JIA-929

OIL BATH TESTER
GB-1690

Specially test the heat-endurance oiliness of rubber products such as oil seal, oil-protection coil.

Temp. range:room temp.~300°C
Test cup:Ø38X300 mm X6 sets
Test bath:20x20x30 cm
Mixing motor40W





ELECTRIC APPLIANCE TESTING MACHINES



◀ JIA-804

HANDSET CORD FLEXING FATIGUE TESTER
CNS-10869

During test, the specimen, which is in electrifying, will be stretched reciprocally by pneumatic driven until the current shut off or the preset numbers are achieved, then detect its damaged portion or flex times.

Specimen volume :5 sets
Flex space:300~1500mm
Flex speed:10~30cpm
Counter:electronic type 6 digits



◀ JIA-D15

PLUG PINS ABRASION TESTER
IEC-884-1

Apparatus for abrasion test on insulating sleeves of plug pins.

Load weight:4N
Steel wire: ϕ 1mm
Test speed:5~10 mm (adjustable)
Counter:electronic type 6 digits

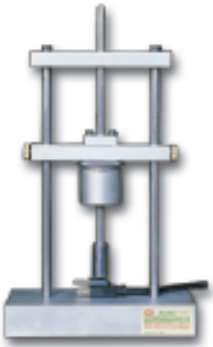


◀ JIA-D17

SOCKET OUTLETS PRESSURE TESTER
IEC-884-1

Apparatus for pressure test on plugs and portable socket outlets.

Load weight:20N
Distance:50mm



◀ JIA-D16

LOW TEMPERATURE IMPACT TESTER
IEC-884-1

Apparatus for impact test at low temperature.

Distance:10cm
Hammer: ϕ 20mm
Falling weight:1000 \pm 2g

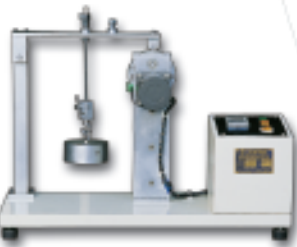


◀ JIA-D19

COMPRESSION AND DEFORMATION TESTER
IEC-884-1

Apparatus for compression test.

Load weight:300N
Test law:Lift press 1 min,
right press 1 min



◀ JIA-D18

CORD ANCHORAGE TESTER
IEC-884-1

Apparatus for testing the cord retention.

Load weight:500、600、800、100N
Test speed:60cpm
Counter:electronic type 6 digits



◀ JIA-E10

CORD INSULATOR THICKNESS GAUGE
UL-620 1581

This gauge is specially designed to measure cord insulator's thickness.

Measuring range:0.01~10mm
Load:100 250 85gf
Upper clamp:W8XT1mm
Lower clamp: ϕ 0.4、0.6、0.8、1mm



◀ JIA-D20

PLUG TUMBLING BARREL TESTER
IEC-884-1

Cut off the cord with 100cm behind plug as being test specimen, put it into tumbling barrel, then preset the tumbling, then check the damaged degree after test specimen being dropped and impacted continually.

Tumbling speed:5rpm (drop 10 times/min)
Counter:electronic type 6 digits



◀ JIA-927U

CONVECTION AND VENTILATION AGING OVEN
UL-746B

This tester is designed to test rubber & plastic specimens of cord's insulator & jacket. The tensile strength, elongation and hardness of dumbbell specimens before/after aging can be compared.

Interior:60X60X60cm
Air-change rate:1~10times/hr (adjustable)
Temp.range:room temp.~300°C
Specimen's rotary disk:
three layers, three circles per layer



TEXTILES AND DYEING TESTING MACHINES



◀ JIA-515B

ELMENDORF TEARING TESTER
TAPPI-T41

Use the segment pendulum to tear the specimen then read the tearing strength on the scale.

Specimen:63.5X100mm
Capacity: 0~200g
0~6400g
Grip:25x15.93mm (WXD)

◀ JIA-708

DYEING SHAKING BATH
CNS-12250、2277

It's a convenient operating atmospheric dyeing machine, additions of chemical can be done during the dyeing test.

Speed control:30rpm
Temp.: room temp.~100 °C
Timer:0~6 hr

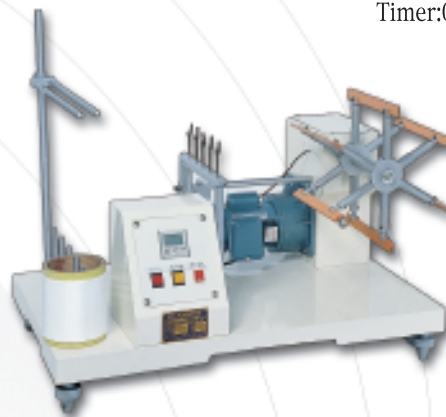


◀ JIA-709

SCORCH TESTER
JIS-0879, ISO-105

The compress combined specimen between heating plates with fixed temperature, taken out after some period, comparing with grey scale to appraise grade of color-dyeing sublimation-endurance.

Heat plate size:120X60mm
Heat plate pressure:40±10g/3cm²
Temp.:room temp.~300°
Specimen:100x40mm
Model:1、3、5 pieces (optional)



JIA-710 ▲

WRAP REEL TESTER

To get yarn thread with required length in order to test strength of lea and quality of yarn. Speed:200rpm Operation at same time:5 threads

Counter:electronic type 6 digits

▶ JIA-712A

RAIN TESTER
AATCC-35

To be suitable for all kinds of water-proof cloth, textile.....etc.

Rain Tester.Specimen:8"X8"
Blotter:6" X6" Water position:2~8ft
Test space:12"
Hole of nozzle:1.5、1~0.7、0.5mm



▲ JIA-711 FASTENING TAPE FATIGUE TESTER

This tester for reciprocating peeling and adhesive test, we can determine the quality and fatigue limit of fastening tape.

Test area:90X110mm
Test speed:30cpm
Counter:electronic type 6 digits





TEXTILES AND DYEING TESTING MACHINES



◀ JIA-712

SPRAY TESTER
ASTM-D583-54 , AATCC-22-52

To be suitable for all kinds of water-proof cloth, raincoat cloth, umbrella cloth ect, Textile and fibre cloth.

Specimen:203X203mm
Specimen frame: ϕ 150
Slope of specimen:45
Hole of nozzle:19 holes $\cdot \phi$ 0.89mm
Space between nozzle & specimen:152mm



◀ JIA-714

WRAP BLOCK

The machine could check yarn's quality after weighing with certain length of cotton strip or coarse yarn thus can immediately control production line on the spot.

Model: Motor or Manual (optional)
Drum:1 yb, 1 m (adjustable)
Operation at same time:3 pieces
Counter: 6 digits



▲ JIA-713

COLOR SAMPLE CARD
WINDER

To lead silk thread wound up on card to be space as sample and easily to see surface construction of silk thread color fasting survey of color difference.

Winding speed:100~600RPM
Winding range: \pm 153mm (adjustable)
Card winding No:6 pcs color card
Card size:230X34X1mm (LXWXT)
Counter:electronic type 6 digits



◀ JIA-716

TWIST COUNTER JIS-L1095

Loose twists of silk thread by revolving to realize the twisting degree of each inch silk thread.

Model:Motor or Manual (optional)
Rolling speed:0~200RPM (adjustable)
Cycles indication:Digital display



▲ JIA-715

SCOTT TYPE CREASE-FLEX ABRASION TESTER
JIS-K6328

This tester creases and flexes test samples, after a specified number of abrasion, take off test samples to check if they are cracked.

Speed:120CPM
Test stroke:0~50mm (adjustable)
Compression Force:0.5~5kg(adjustable)
Counter:electronic type 6 digits



▲ JIA-717 YARN INSPECTOR CNS-2338

To lead all kinds of weaving thread for lining and wrapping on blackboard, then evaluate appearance range for comparing with specimen.

Reeling board:160X260X600 (W1XWXL) mm
Density:18~50pcs/inch (adjustable)

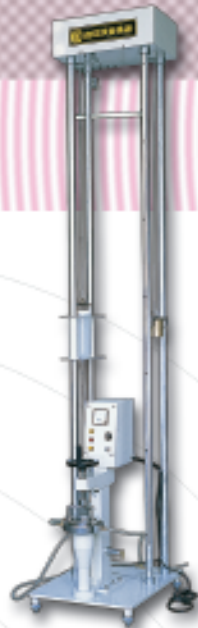


▲ JIA-719AD

HYDROSTATIC HEAD TESTER

The device is for testing water resistance and leakage of fabrics, leather goods, canvas, and pvc cloths.

Capacity: 5Kg/cm² (50000 mmAq)
Sensor Way: Pressure Transducer
Pressure Scope: 5_50000 mmAq
Accuracy: Within ±1%
Platen Diameter: φ113mm
Platen distance: 28mm
Fixedly Specimen Way: lever Way
Pressure Speed: Already decided four section speed
600、1000、10000mmAq/min, (full speed) specially
Adjustable Speed:
300_20000mmAq/min, Adjustable speed
Timer: digital data (4 digits)
Test Area: 100cm²
Test Illuminate: Specimen surface illuminate
Water Content: 400ml (cc)
Dimension: 92x32x62cm
Weight: 95kg
Power: Ac 1 φ 110 or 220V 50/60hz select



◀ JIA-719

HYDROSTATIC HEAD TESTER JIS-L1004-6

It tests water-proof or leakage of fibre, synthetic leather, leather, wrapped paper.....etc.

Height of water level:200 cm (2000mm Aq)
Speed of water level:60 cm/min
Pressure dia:Flbre&knitting wears-115 mm
Psythetic leather, leather-50 mm

▶ JIA-719A

HYDROSTATIC HEAD TESTER

The device is for testing water resistance and leakage of fabrics, leather goods, canvas, and PVC cloths.

Capacity: 0 ~ 4 kg/cm (0 ~ 40000mmAq)
Specimen 15 x 15cm
Pressure dia.: _11.3cm
Pressure speed: Adjustable
Standard Equipments:
1.3kg/cm pressure gauge, Air compressor
Power: 110/220V 50/60Hz
Weight: 50kg
Dimension: 50 x 50 x 78cm



◀ JIA-719B

WATER PENETRATION TESTER

It's used for determination of the resistance of waterproof cloth, fabric, synthetic, leather and leather to water penetration.

Pressure:0~1 kg/cm² (10000mm Aq)
Test area:100cm²
Speed:Manual type





TEXTILES AND DYEING TESTING MACHINES



◀ JIA-720

DYEING RUBBING TESTER JIS-L0801

Coat surface of abrasive hammer of the tester with dry or wet white cotton cloth then abrade colored specimen with the certain load and fixed times to evaluate it's grade of color dyeing abrasive firmness.

Rubbing speed:30cpm
load:200 , 500g
Rubbing space:100mm
Counting method:electronic auto-counter.auto-stop



◀ JIA-721

CONDITIONING OVEN
CNS-1479

The weight can be weighed when proceed to dry specimen. The observing window and illumination light of the oven can observe whole testing conding. Micro-adjusting patent level, operate easily, fastweight.

Temp.:room temp.~200°C
Balance:0.01~310g
Interior:35x30x35 cm



▲ JIA-722

LAUNDER TESTER
JIS-L0821

To put specimen of dyeing articles, testing liquid steel ball into testing cup, running according to specimen washing firmness, the test of wash endurance of organic solvent can be executed either.

Temp.:room temp.~100°
Rotating speed:42±2RPM
Test cup:φ 80mmXH120mm (450 cc)
Steel Ball:φ 6.4mm
Soap liquid:5g/L
Timer:0~60min

◀ JIA-723

DRYING TESTER

Submerge tested sample for three hours and then hang it for ten minutes, then measure the weight and subtract the weight before it is submerged

Steel yard capacity: 100g
Resolution: 0.01g
Area of specimen: 202.5cm²
Interior: 310 x 310 x 330mm



◀ JIA-0806

JIA-0884 COLOR CHANGE
JIA-0885 COLOR STAIN
JIA-0806 Chromatic Transfer
Scale, step Nine GREY SCALE
ISO-R105/1

Contrast and judge the specimen's color-faded or contaminative condition after the firmness of dyeing test.

Grade:5、4~5、4、3~4、3、2~3、2、1~2、1

◀ JIA-724

SAMPLE CUTTER

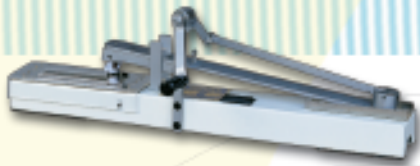
Place fabric onto the cutting mat, press down hand wheel, rotate over 90 degrees under pressure, and you are got an accurate 100cm² sample for balance.

Cutting area:100cm²
Blades:4PCS (usable 2 ends)
Cutting mat:270X195X20mm 1PCS





TEXTILES AND DYEING TESTING MACHINES



▲ JIA-924B

CROCK METER (MANUAL TYPE)

To test dyed textile, decolorized extent of leather after abrasion. First, coated abrasive hammer with dry or wet white cotton cloth, then abrade repeatedly to specimen clamped on testing table for ten times within 10 seconds thus can appraise grade of color-dyeing firmness.

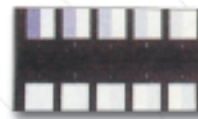
Load:900g
Rubbing speed:Manual type Rubbing space:100mm
Rubbing hammer diameter:Ø16mm
Battery timer:8 figures



◀ JIA-0804

COLOR CHANGE

Used to appreciate the grade of color change, it has five grades



◀ JIA-0805

COLOR STAINING

Used to appreciate the grade of color staining, it has five grades



▲ JIA-CT

MULTI-LIGHT COLOR COMPARISON LABINET JIS-Z8724

It's specially designed to supply standard & objective light source for precisely quality control in contrast of materials and color of products.

Interior:67X56X35 cm (WDXH)
Light kinds:D65(Artificial daylight D65, 6500 k)
A(Standard light type A, 2800 k)
F (High energy Fluorescent light TL84, 4000 k)
UV (Ultra-violet light, long wave)



▲ JIA-926PW

WATER BATH TESTER

Put tested sample in the sink of this machine and heat the water for regulative time, and then take it out to observe it either is bubbly, faded, expanded, and etc or not. Appreciate the quality and compute the variation rate of its weight after testing

Interior: 700 x 587 x 540mm (W x H x D)
Temp. range: Room temp. ~ 100°C
Timer: 3 digits (H. M. S. adjustable)
Power: AC3 220/50Hz



◀ JIA-605W-M WATER VAPOR PERMEABLE TESTER

This machine is specially to test the permeable of textiles like leisure clothes, raincoat, skiing suits, golf-apparel, working clothes, and protective clothes. It can maintain the state of constant temp. and constant humidity, and control the wind cycle (2.5 ~ 5.0m/sec). It is used with water vapor transmission cups.

Temp. range -10°C ~ 100°C
Accuracy: $\pm 0.3^{\circ}\text{C}$, $\pm 3\%$ RH
Resolution: 0.1°C, 0.1% RH
Circulating system: Forced by fan
Wind velocity: 3.3 ~ 5 m/sec (Adjustable)

▼ JIA-724-1 WATER VAPOR TRANSMISSION CUPS

Water Vapor Transmission Cups assirted Water Vapor Permeable Tester is used for fabrics, of sportswear \ golf-appare,etc. and widely for multi-purpose shelter-apparel.

Model: Water cup , Chlor-Calcium cup.....
nterior: Water cup $\phi 63 \times 50\text{L}$
Chlor-Calcium cup $\phi 60 \times 25\text{L}$
PAPER, CARD BOARD, CARTON TESTING MACHINES

ASTM-E96

JIS-L1099

JIS-Z0208



Water Vapor Permeability Cups



Calcium chloride shallow Cups



Vapor permeability Tset Dishes



OPTIC \ FIBER CABLE TESTING MACHINES



▲ JIA-626

FIBER OPTIC INTERCONNECTING PLUG
PUSH-COMPRESSION TESTER
TELECOM3360-0

This tester is used to force the toe of Fiber Optic Interconnecting Plug along by axle, then measure the compressive value of altered position.

Capacity:10kg
Resolution: 1/10000
Measuring accuracy of altered position:0.01 mm



◀ JIA-627

FIBER OPTIC CONNECTOR JOLT
TESTER
TELECOM3360-0

This tester uses mechanical hand to pick up specimen and let it drop freely for imitating jolt action.

Height of drop:5~40 mm (adjustable)
Counter:electronic type 6 digits
Driving method: pneumatic type



◀ JIA-628

FIBER OPTIC CONNECTOR
VIBRATION TESTER
CNS-10876

Connect the optical cable to the tester, use 10-50-10 Hz period of vibrate for two hours in each X-axis and Z-axis direction, then check its optic characteristics.

Amplitude of vibration:1.5mm P-P
Frequency:10~50~10HZ
Timer: X-Zaxis 0~999min



◀ JIA-629

FIBER OPTIC CONNECTOR FLEXING
TESTER
TELECOM3360-0

Specimen is to be twisted 90° in left & right direction during operating, we can check whether the optic characteristics of specimen is influenced or not after 200 testing times achieved.

Length of specimen:1~2m
Bending radius:25~30 mm each one set
Load:500g
Frequency:10~30 times/min (adjustable)
Counter:electronic type 6 digits



◀ JIA-630

FIBER OPTIC CONNECTOR PLUGGING
& PLUCKING TESTER
TELECOM3360-0

Adjust the motive frequency by pneumatic drive, in order to repeat plug-in, and pull-out, and in the meantime, it is allowed to cooperate with optic receiver and computer for Auto-control.

Driving method:pneumatic type
Frequency:10~30times (adjustable)
Counter:electronic type 6 digits



◀ JIA-631

FIBER OPTIC CONNECTOR TWIST
TESTER
TELECOM3360-0

Hang a 500g load on the lower end of FIBER OPTIC CABLE the load is twisting 180° in both forward & backward directions till the specified times achieved, after that, test its characteristics.

Length of specimen:1~2m
Load:500g
Torque degree:in each left and right side
Frequency:10times/min
Counter:electronic type 6 digits



◀ **JIA-640** **ASTM-D4565 EIA-FOTP-25**

FIBER OPTICS CABLE REPEATED IMPACT TESTER

The equipment tests the endurance of an optical cable to repeated impacts, the optical cable is placed centrally on an anvil A hammer drops from a fixed height and pounds the cable repeatedly with a specific velocity, during the test, the continuity of optics and the power attenuation in dB are observed.

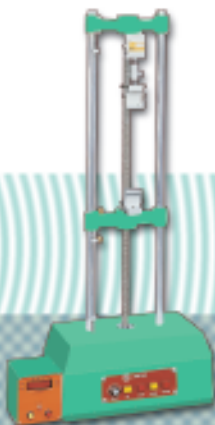
- Dropped height: 150mm (Adjustable)
- Testing speed: 30 ±1 times/min (Adjustable)
- Test cycles: 20 ~ 50 cycles, (Settable)
- Counter: Electronic type, 6 digits, auto stop, during the present numbers are reached
- Power: 1PH, AC 220V, 50/60Hz
- Dimension (W x D x H): 90 x 63 x 170cm, (Packing: 130 x 73 x 185cm)
- Weight: Net weight 280kg, Gross 360kg

◀ **JIA-632**

**PLUG SOCKET RETENTION TESTER
TELECOM3360-0**

This tester is used to test max. retention of Fiber Optic Connector during pulling plug.

- Capacity:10kg
- Accuracy:±1%
- Resolution:1/10000





PAPER、CARD BOARD、CARTON TESTING MACHINES



◀ JIA-205

BURSTING STRENGTH TESTER ASTM-D2210

This machine is used for determining the bursting strength of paper and corrugated board.

Sensing method: Pressure gauge.
Capacity: 20, 50, 100 kg/cm²
(equipped with two of them)
Hydraulic speed: 170 ± 20 cc/min



◀ JIA-205A

DIGITAL BURSTING STRENGTH TESTER ASTM-D2210

This machine is used for determining the bursting strength of paper and corrugated board.

Sensing method: Pressure transducer
Capacity: 0~100kg/cm²
0~16kg/cm²(optional)



◀ JIA-505

PUNCTURE TESTER TAPPI-T803

This machine is used for determining the puncture strength load at a certain angle.

Specimen: 30X30 cm
Punch head: H1", R1.5mm
Capacity: 0~26.75, 0~53.5,
0~107, 0~214
0~428 kg-cm



◀ JIA-506

MIT FOLDING ENDURANCE TESTER ASTM-2176

This tester is used for determining the olding endurance strength of paper and paper board.

Folding Angle: 135° on both sides
Folding speed: 175CPM
Specimen: 15X150 mm
Load: 0.5~1.5 kg

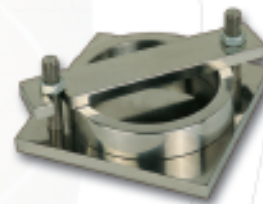


◀ JIA-507

MICRO-COMPUTER RING CRUSH TESTER TAPPI-T472

It tests the ring crush strength,
Adhesion strength of paper boards.

Capacity: 200kg
Resolution: 1/10000
Test speed: 12.7 mm/min
Specimen: 152.4x12.7 mm



◀ JIA-509

WATER ARSORPTION TESTER TAPPI-T441

This tester is used for determining the Water absorption of paper.
We can know water absorption by calculating weight difference.

Dia. of frame: φ 112.8mm
Height of frame: 25mm
Specimen: 130X130mm
Test area: 100cm²



◀ JIA-508

DIE CUTTER TAPPI-T409

This machine is used for preparing the standard specimens for ring crush test or others.

Ring crush test: 152.4X12.7 mm
Tensile test: 200~250X15 mm



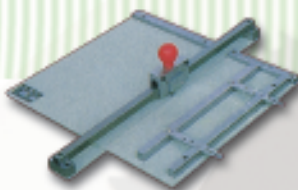
PAPER、CARD BOARD、CARTON TESTING MACHINES



JIA-511

GANDIAN STANDARD FREENESS TESTER
CNS-11211

Cylinder: ϕ 10.2 cm, Height 12.7 cm (1000ml)
Copper net: thick 0.05cm, ϕ 0.05cm, 97pcs/3cm²
Hole of nozzle: 0.3048 \pm 0.0013cm
Current :530 \pm 5ml



JIA-512A

SAMPLE CUTTER FOR COLUMN COMPRESSION TESTER (PARALLEL CUTTER)
JIS-Z0401

Cut the specimen in a perfect parallel manner. The distance of two parallel planes is adjustable.

Adjustable space:
30、50、60、80、100、150 mm



JIA-512B

SAMPLE CUTTER FOR COLUMN COMPRESSION TESTER (ANGLE CUTTER)
JIS-Z0401'

Cut the specimen two angles on both sides. Now it's a standard specimen for column compression test.

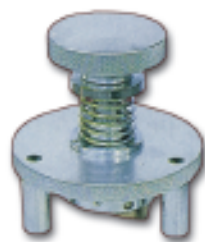


JIA-513

MICRO-COMPUTER PAPER BOBBIN COMPRESSION TESTER

This machine is used for determining the transverse compression strength of paper tube, bobbin, paper can, composite can.....etc. It can also be used for testing taper tubes.

Capacity: 200、500、1,000 kg
Resolution: 1/10,000
Press plate: 30X30 cm
Press space: 30 cm
Test speed: 0~50 mm/min



JIA-527

FLAT CRUSH CUTTER
TAPPI-T441

Use this cutter to get a standard circular Specimen for horizontal ring crush test.

Dia. after cutting: ϕ 64 mm
Specimen area: 38.5 cm



JIA-515A

ELMENDORF TEARING TESTER
TAPPI-T414

Use the segment pendulum to tear the specimen, then read the tearing strength on the scale.

Specimen: 63.5X100 mm
Capacity: 0~100g
Grip: 25x15.9mm (W x D)

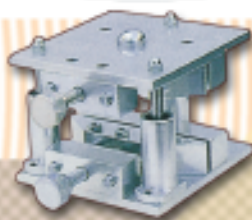


JIA-510

SPRAY TESTER FOR CARDBOARD
JIS-P8137

Examine scar/condition of water passage of paper and paper board to determine its waterproof ability.

Tilt of test base: 45°
Distance of drop: 10mm
Drop volume: 0.1ml/drop
Length of water passage: 250mm



JIA-528

COLUMN COMPRESSION TESTING GRIP

This grip is working with ring crush tester to test the column compression strength.



PAPER 、 CARD BOARD 、 CARTON TESTING MACHINES



◀ JIA-529

ADHESIVE STRENGTH TEST ACCESSORIES
JIS-Z0402

It is used for determining the adhesive strength of corrugated boards.

Specimen: 50X150 mm
Dia. of pin: ϕ 3.56 、 2.03 、 3.05 mm
Pitch: 17.64 、 12.0 、 15.0 mm



◀ JIA-918

DRYING OVEN

Dry, bake and preheat various materials or specimen. By means of hot-air circulation, heat and temp. distribution are uniform.

Model: S 、 M 、 L
Interior: 30X30X35 、 40X40X45
50X50X6 cm (optional)
Temp.: room temp. ~ 200°C or 300°C



◀ JIA-GH

THICKNESS GAUGE
TAPPI-T426

Measure specimen's thickness.

Test range: 0.01~10mm
Measuring depth~45 mm
Compression of test: 550g/cm²



◀ JIA-AD

MOISTURE BALANCES

Capacity: 5~70g x 0.01g
Moisture % : 100% x 0.1%
Temperature: 50°C ~ 180°C
Pan: ϕ 95mm
Timer: 1~99 min Auto-off



◀ JIA-5700

MOISTURE METER

Test range: 0~100%
Accuracy: 0.1%
Indicator: LED display

◀ JIA-514

MICRO-COMPUTER COMPRESSION TESTER
FOR PACKAGE AND CONTAINER TAPPI-T804

It's the most convenient tester for compression test of containers, cartons.....etc.

Capacity: 2ton~5ton
Resolution: 1/10,000
Test space: 120x120x100 cm (wxdxh)
Speed of compression: 0~80 mm/min



◀ JIA-FD

INFRARED MOISTURE METER

Test range: 0~100%
Indication: 0.2~20%
Test weight: 2.5g~10g





SPORT FACILITIES TESTING MACHINES



◀ JIA-101A

TENNIS RACKET RECIPROCATING FATIGUE TESTER

This tester is equipped with a pneumatic cylinder to test the bidirectional bending fatigue endurance of racket by reciprocating motions.

Load:30~100 kgf (adjustable)
Frequency:60~120 c.p.m (adjustable)
Supports distance:max.700 mm (adjustable)
Counter:electronic type 6 digits



◀ JIA-101B

TENNIS RACKET RECIPROCATING FATIGUE TESTER

This tester is equipped with a pneumatic cylinder to press the racket unidirectionally.

Load:30~100 kgf (adjustable)
Frequency:60~120 c.p.m (adjustable)
Supports distance;600 mm
Counter:electronic type 6 digits



▶ JIA-102

RACKET DROP TESTER

Turn the netted racket upside down, secure its handle by the grip. Then lift the racket to test height, press the button to drop it freely.

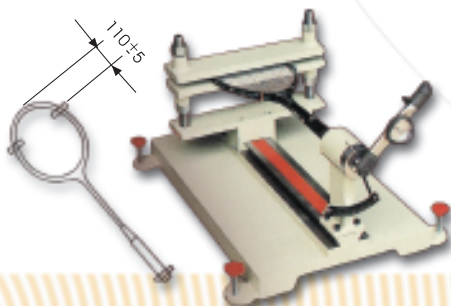
Test Height:180 cm
Drop control:electromagnetism



▶ JIA-103

RACKET DROPPING WEIGHT IMPACT TESTER

The tester can check the racket whether damage exists and also measure the deformation of racket head.
Dropping weight:1.5 kg
Test height:0~2m (adjustable)

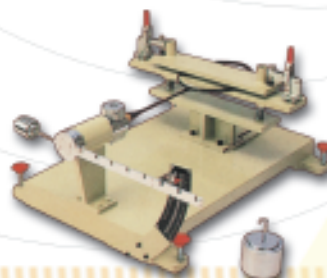


▶ JIA-104

RACKET TWISTING STRENGTH TESTER

Measure the twisting strength when the racket is loose or broken.

Torque wrench:25~230X5 kg-cm
50~450X5 kg (optional)
Supports:height, test distance adjustable



▶ JIA-105

RACKET TORSIONAL PROPERTY TESTER

Introduce deadweight to the torsional beam on the handle grip to calculate the coefficient of torsion and twisting angle.

Supports:height, test distance adjustable
Support radius:8 mm



SPORT FACILITIES TESTING MACHINES



▲ **JIA-105A**

SHAFT TORSIONAL PROPERTY TESTER

Fix the ends of shaft and hang the weight at twisted end to test the coefficient associated the torque and the twisted angle.

Resolution: 0.5°
Torque: 1 ft-lb



▲ **JIA-105B**

SHAFT TORSIONAL PROPERTY TESTER

This tester is specially used to test the middle shaft of sport equipments which are made of composite materials.

Indication: Force gauge
Resolution: 0.5°

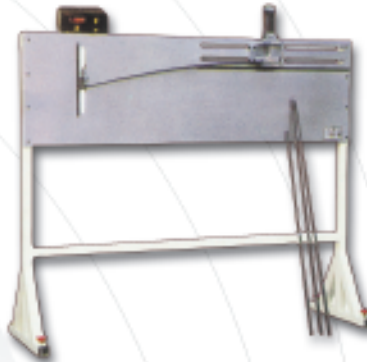


◀ **JIA-106**

TENNIS REBOUND HEIGHT TESTER

This tester automatically load the tennis balls to a certain height by electric driving delivery, then drop the ball freely to observe its vertical rebound height.

Drop height: 2540 mm
Test speed: 8 balls dropped per minute.



◀ **JIA-107**

SHAFT DEFLECTION TESTER

This tester is specially used to test the middle shaft of sport equipments which are made of composite materials.

Specimen length: 600~1200 mm
Test stroke: 0~220mm
Load: 2700g, 2724g, 3000g
Deflection indication: LED, resolution 1mm



◀ **JIA-108**

SHAFT BENDING TESTER

Use a deadweight as a punch tip to press the carbon fiber shaft which rests on two supports. Read the deflection under a certain load on indicator.

Punch tip load: 20kg
Punch tip dia: ϕ 25mm
Auxiliary loads: 4 kgX5
Supports distance: 180~300mm (adjustable)
Test range: 0~60mm setting
Test accuracy: 0.05mm



◀ **JIA-602E**

TENNIS BALL COMPRESSION TESTER

This tester can test the tennis ball compression.

Load: 200, 500, 1000 kg /LB (optional)
Resolution: 1/10,000
Test speed: Variable speed



◀ **JIA-109**

SHAFT BALANCE TESTER

This tester can test the middle shaft of sport equipment balance.

Platform scale: 0~12kgX1g
Balance length: 711.2mm (28")



SPORT FACILITIES TESTING MACHINES



◀ JIA-726

TRUNK JOLT ABRASION TESTER

This tester can test wheel trunk jolt abrasion.

Speed:0~50RPM(adjustable)
0~190m/min
Test range:76 cmx3.8m
Test model :2 jolt road 1/8hx1dx29.5"w
8 jolt road 1/8hx1dx6"w
5 jolt road 5dx30w
Counter:electronic type 6 digits



◀ JIA-726A

TRUNK WHEELS ABRASION TESTER

This tester can test wheel trunk jolt abrasion.

Wheel width:90 cm ,
circumference:1000 mm
(1m)
Test stroke :Max.999 KM
Speed:0~60R.P.M (adjustable)
Load:50 kg



◀ JIA-727

TRUNK VIBRATION TESTER

This machine tests trunk vibration, then check product quality.

Amplitude:0~200 mm(adjustable)
Counter:electronic type 6 digits

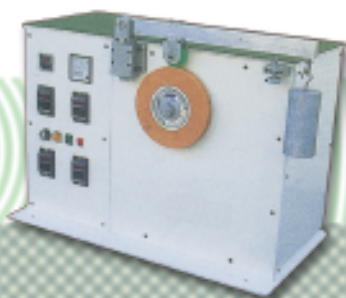


◀ JIA-727A

TRUNK VIBRATION IMPACT TESTER

This machine tests trunk vibration and impact, then check product quality.

Impact length:300 mm
(adjustable)
Amplitude:0~30CPM
Counter:electronic type 6 digits
height: max.950 mm



◀ JIA-728 TRUNK WHEEL LOAD WALK ABRASION TESTER

This unit is designed to test the resistance to wear of vehicles by means of simulated traffic of a loaded trunk on the ground.

Cement wheel: ϕ 19.5 cm, Thickness;4.5~5cm
Rotating speed:100RPM
Counter:electronic type 6 digits



SPORT FACILITIES TESTING MACHINES

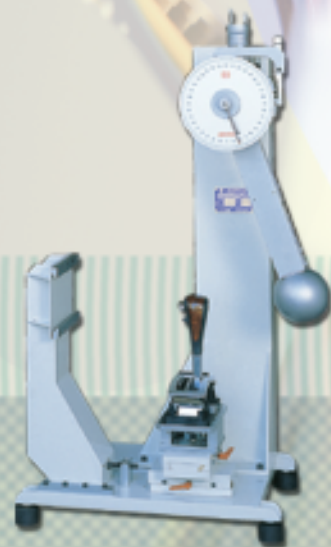


▼ JIA-206

PERMEABILITY/ABSORPTION APPARATUS

It specially tests the internal materials of shoes. It tests the degree of permeability and absorption to air after the internal materials absorbing perspiration. It can simulate the heat and damp like foot in the shoe to measure the degree of discharge the damp of the shoe. It will be wear comfortably if it has being well discharged damp.

Transmission cups:
φ48 x 35mm x 15pcs
Speed: 2.2m/s
Temp. control: PID control
Temp. range:
Room temp. ~ 100°C
Interval:
W670 x D318 x H175mm
Power: AC 110V 60Hz



◀ JIA-914C

PENDULUM IMPACT TESTER

It specially tests the head of gear to impact it horizontally and vertically.

Weight of steel ball: 10kg
Impact angle: 6°, 11°, 20°
Swing radius: 500mm

◀ JIA-BF-T20

CIRCULATING WATER BATH

It is used in order to research professionally in all kinds of laboratory. It tests the sample under water which is at special temperature in certain time to observe the sample either is to be deteriorated, blistered, faded, expanded or not.

Sink: 495 x 295 x 150mm (W x H x D)
Temp. range: Room temp. ~ 100
Resolution: ±0.02 ~ 0.05°C
Display: Digital LED
Temp. control: PID control
Power: 110/220V 50/60Hz



▲ JIA-926MP

WATER ABSORBED METER

It tests the absorption of absorbent fabric, toilet paper, and etc.. Make samples 20 x 2.5cm and immerse the bottom into water for ten minutes and then measure the height of absorption.

Sink: W280 x H60 x D120mm
Ruler: 0 ~ 200mm
Volume: W340 x H400 x D210mm
Attachment: Attach specimen clip 3pcs



▲ JIA-T100

DIGITAL TORQUE METER

It tests the torque of all kinds of shapes like circle, square and flat of covers.

Capacity: 0 ~ 100kgf-cm
Unit: kgf-cm, in-lb, N-cm (Changeable)
Volume: W30 x D25 x H13mm
Weight: 8kg
Grips: 0 ~ φ150mm (Adjustable)
Power: 110/220V



◀ JIA-517

FRICTION TESTER

It is a kind apparatus of quality control equipment to measure the coefficient of friction of film, corrugated paper, paper, foil, and etc..

Sense: Electronic type LCD digit display push-pull gauge
Capacity: 5kg
Resolution: 0.001kg
Stroke: 200mm max.
Speed: 300mm/min.
Test sample: 120 x 120mm
Friction hammer: 63.5 x 63.5 x 63.5mm stainless steel
and 63.5 x 3.2mm rubber, total weight 200 ±5g
Power: AC 110V/220V 50Hz/60Hz



VARIOUS TESTING INSTRUMENTS



JIA-PP

PUSH PULL GAUGE

It's used for testing tension, compression and push strength.

Model:	JIA-PP	JIA-FG
Indicator:	dial gauge	LCD
Capacity:	1~50kg (optional)	2,5,20,50 kg (optional)
Unit:	kg · N by selectable	kg · N · IB
Accuracy:	±0.5%	±0.2%
Resolution:	1/200	



GS-701N



GS-701G



GS-706N



AL



JIA-GS

HARDNESS TESTER
ASTM-2240A

Measure the hardness of rubber.....etc.

Model:
GS-701(C) SRIS-0101
GS-702(D) SHORE D
GS-706(JA) JIS-k6301A
GS-709(A) ASTM D-2240A
ASKER-C SRIS-0101



JIA-GS710

HARDNESS CONSTANT PRESSURE WEIGHING

It's used to furnish the base for hardness tester to retain the accurate, steady and uniform forcing angle to the specimen, and avoid test errors due to uneven surface of it.

Load:5 kg
Specimen pan: φ 70 mm



JIA-SM

THICKNESS GAUGE

Measure the thickness of rubber, fabric, paper,etc.

Model:SM-1120 · SM114
Test range:0.01~10 mm
Test depth:20mm · 120 mm



JIA-GH

THICKNESS GAUGE
APPL-T426

Measure specimen's thickness.
Test range : 0.01~10mm
Measuring depth: 45mm
Compression of test: 550g/cm²



JIA-TC700

MULTI-FUNCTIONAL DIGITAL THER-MOMETER

This meter is to measure the temperature of various material.

Test range:-160~+1372°C
Accuracy:199°C ↓ 0.1°C
200°C ↑ 1°C



JIA-710(473)

HARDNESS CONSTANT PRESSURE WEIGHING

It's used to furnish the base for hardness tester to retain the accurate, steady and uniform forcing angle to the specimen, and avoid test errors due to uneven surface of it

Load: 5kg
Specimen pan: φ 70mm



JIA-JK

PRECISION BALANCES

Capacity:210g
Accuracy:0.1g
0.01g
0.001g
0.1mg





VARIOUS TESTING INSTRUMENTS



◀ JIA-MP1D

DIGITAL MELTING POINT APPARATUS

Temp.: room temp.~400°C
Accuracy:±1°C
Control: P.I.D, LED
The same time of test 3pcs/time
Temp. up speed:400°C/20min



◀ JIA-GS707

LOAD TESTER FOR
HARDNESS TESTER

It's an auxiliary apparatus with accurate weights to correct the hardness meter which measures rubber and plastic

Weight: 232g x 1, 200g x 1



◀ JIA-HT800

THERMO -HYGROMETER

Test range:Temperature -15~60°C
Humid. 5~98% RH
Accuracy:Temperature ±0.2°C
Humid. ±2.5% RH
Selectable L/ F reading
LED display



◀ JIA-TH

TABLETS HARDNESS TESTER

Model:ST20 ST3
Temp.: -32~400°C
Accuracy:±1°C
D:S : 8:1



◀ JIA-ST

NONCONTACT TEMPERATURE
MEASUREMENT
USP

Capacity:0~20 kg
Accuracy:0.1 kg (100g)



◀ JIA-211

ELECTRONIC WIND SPEED
INDICATOR

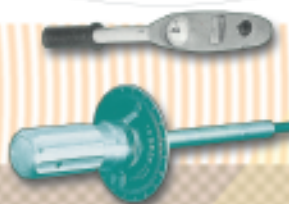
Wind speed of unit:
m/s 0~44.8
FPMX100 0~8790
MPH 0~99.9 (optional)



◀ JIA-EE1

TACHOMETERS

Model:EE1、EE2
set range:EE1(1~25,000R.P.M)
EE2(6~30,000R.P.M)
Test unit :rpm, m/min
Accuracy:EE1 1~5,999±1rpm
6,000~25,000±2rpm
EE2 6~5,999±1rpm
6,000~30,000±3rpm



◀ JIA-CD

PRECISION DIAL TORQUE WRENCH

Model: CD - 301 LDIN
Test range: 0 ~ 30in-lb, 0 ~ 35cm-kg
Accuracy: 0.5 in-lb, 0.1 cm-kg

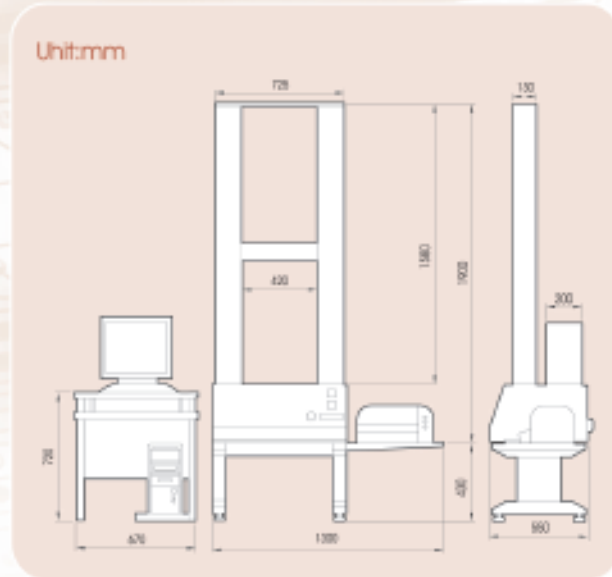


JIA-802PC

Computer Servo Control Material Testing Machine

JIA-802PC

Computer Servo Control Material Testing Machine



DESCRIPTION

The model is all controlled by computer. High accuracy load measurement. Windows of Chinese and English mode. Easily learning and operating. Large working area for ductile samples. Easy to install special accessories. Upper and lower limits of stroke. Fractures overload . . etc security protection. To insure safety of operating.

Including textile, cloth, plastic, wire, metal wire, nylon, leather, resin, metals, hardware and sport products... tension,compression,Elongation,Bending and transverse testing.

SPECIFICATION

Load Capacity	10 20 50 100 200 500 1000 2000 3000Kg
Load Accuracy	Within ± 0.5
Load Resolution	1/100,000
Unit	Kg lb N KN
Crosshead Travel	1400mm
Crosshead speed	1-1,000 mm/min
Lateral Test Space	420mm
Save Capacity	Save unlimited test results
Auto stop Function	upper and lower limits of stroke , specimen break/fractures overload
Standard Accessories	A4 PRINTER Tensile Grip Computer Table
Optional Accessories	Long Travel Extensometer
Motor	AC Servo motor 1/2-1HP
Power	AC1 220V 50/60HZ
Dimension(WXDXH)	75WX55DX190H
Weight	280kg