

About Comotech

HIGH QUALITY TECHNOLOGY PURSUER

It needs concentration and careful plan for testing machine production. Comotech team always continuously put effort on the process of development, design and manufacturing, this effort make Comotech products are keeping great progress.

Products quality, accuracy, safety and user-friendly design are on the list of our priorities. We have our own technology and out of the ordinary quality requirement to compete with other suppliers. Our excellent and abundant experiences and technology sharing, we always maintain good interaction with our esteemed customers.

TECHNOLOGY SERVICE SYNCHRONIZATION WITH EUROPE AND AMERICA

Several years overseas contract manufacturing and sales experience, Comotech outstanding performance differs from other Taiwan suppliers in quality requirement and upgrade technique.

AFTER SALE SERVICE

All machines must have full test before shipment and calibration report to take as out of factory record, it means each one of product has its own identification card which can offer customer survey and maintenance service afterward. Products have their own complete data records that are Comotech guarantees to our customers.

Professional service attitude and excellent and accuracy technology, perfect stock system and components supply let customers do not need to worry maintenance problems afterward. Comotech product life is above 10 years; therefore, our unshirkable responsibility is to make equipment function well.

Therefore, Comotech also can offer engineer dispatched home service as your special request.

COMPLETE TECHNIQUE DATA OFFER

Complete technique data includes catalogue, operation illustration and different standards with testing working process and so on.

Comotech provide operation manual of maintenance, operation and setting, etc. Users can use these data to handle, maintain their machines and execute hardware and software upgraded functions successfully.

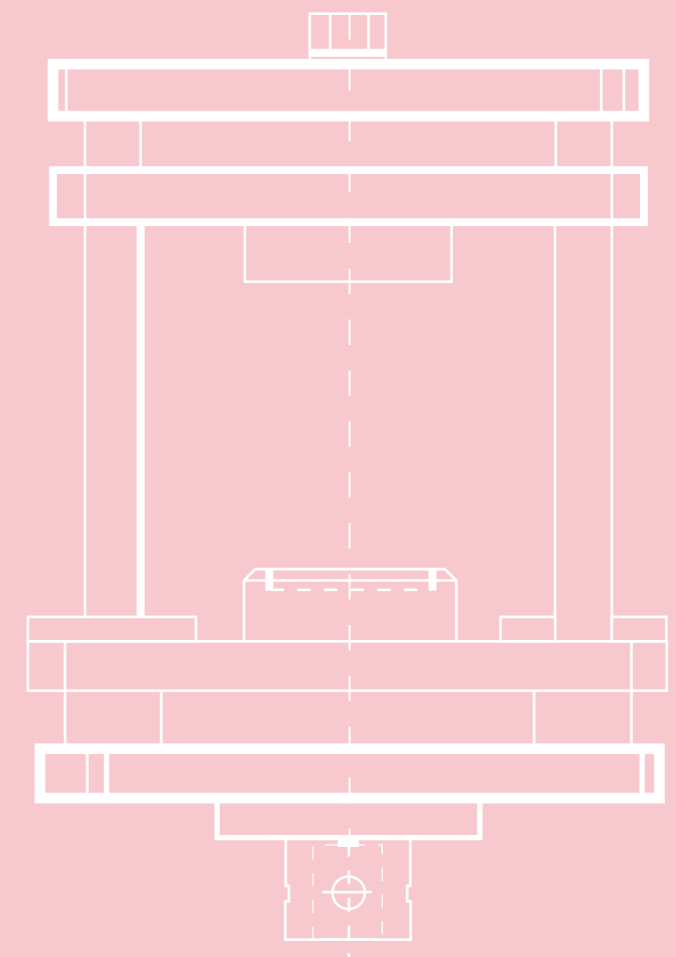
TIME-TESTED & CUSTOMER RECOMMENDATION

We use highest standard to treat our customers and products, their public praise introduction is always the biggest source of our new customers. Therefore, Comotech customers trust in our concentration for quality requirement and after sale service in recent 20 years.



PACKAGE TESTING MACHINES

Comotech has many years experience in this testing equipment field with complete self design capacity, increasing the accuracy of machine as per clients' special requirement.



Package Testing Machines



QC-101B1 Carton Compression Tester

This machine for measuring the compressive resistance of carton and similar package material, to know the limit of stacking. Refer to the testing result to know if the material of package and the structural could conform to the required strength.

	QC-101B1-A	QC-101B1-B	QC-101B1-C	QC-101B1-D
Testing Space	100x100x90 cm	120x120x100 cm	100x100x90 cm	120x120x100 cm
Capacity	2000kg	2000kg	5000kg	5000kg
Testing Speed	1~300mm/min			
Dimension	175x100x200 cm	185x120x215 cm	175x100x205 cm	185x120x220 cm
Weight	800kg	900kg	850kg	950kg



QC-102 Water Absorption Tester

Moisture absorbency is the important characteristic of paper and it tests on various (treated or untreated) of paper and cardboard material which absorption of water, oil of liquid.

	QC-102
Test range	100 cm²
Height of frame	25 mm
Material	SUS304 Stainless
Dimension	15 x 15 x 9 cm
Weight	2.5 kg



QC-104 MIT Folding Endurance Tester

This machine is to test the folding endurance of paper, aluminum foil, ductile circuit board and copper foil, etc. After specimen clamped and then use dead weight to offer a fixed tension, lower grip swing right and left each 135 degree, record swing times when specimen breaks.

	QC-104
Bending angle	+135°~ -135°(or indicated)
Bending speed	175±25CPM
Specimen tension	50~2000g
Counter	0~999,999 set auto stop times
R angle	0.38mm (or indicated)
Specimen size	150x15mm
Dimension	63 x 44 x 46 cm
Weight	50 kg

Package Testing Machines



QC-105 Spherical-stress Sample Cutter

This tester can cut a parallel specimen with smooth edge. Sample size can be adjusted according to customer's requirement. It is suitable for cutting paper, copper foil and aluminum foil and for tensile, ring-type compression of specimen use.

	QC-105A	QC-105B
Cutter Size	6"x1/2" (152.4mmx12.7mm)	250x15mm
Suitable	Ring-Crush Test	Tensile Test
Dimension	67x45x47mm	
Weight	32kg	



QC-115 Bursting Strength Tester

This tester uses oil pressure to break specimen through rubber film. When the specimen strength lower than oil pressure, the specimen will be broken and the result from specimen of bursting strength.

	QC-115D	QC-115E	QC-115
Capacity	0.1 ~ 100 Kg/cm²	0.1~40kg/cm²	10、20、50、100 Kg/cm (choose two)
Breaking Strength Indicator	Digital Display	Digital Display	Remaining needle
Speed Of Pressurization	High pressure : 170 ± 15 ml/min	Low pressure: 95±5ml/min	High pressure : 170 ± 15 ml/min
Diameter of Clamping	Upper plate : 31.5mm ± 0.05mmΦ Lower plate : 31.5mm ± 0.05mmΦ	Upper plate : 30.5mm±0.05mmΦ Lower plate: 33.1mm±0.05mmΦ	Upper plate : 31.5mm ± 0.05mmΦ Lower plate : 31.5mm ± 0.05mmΦ
Size	51x34x58cm		
Weight	60kg		



QC-113 Pneumatic Type Drop Tester

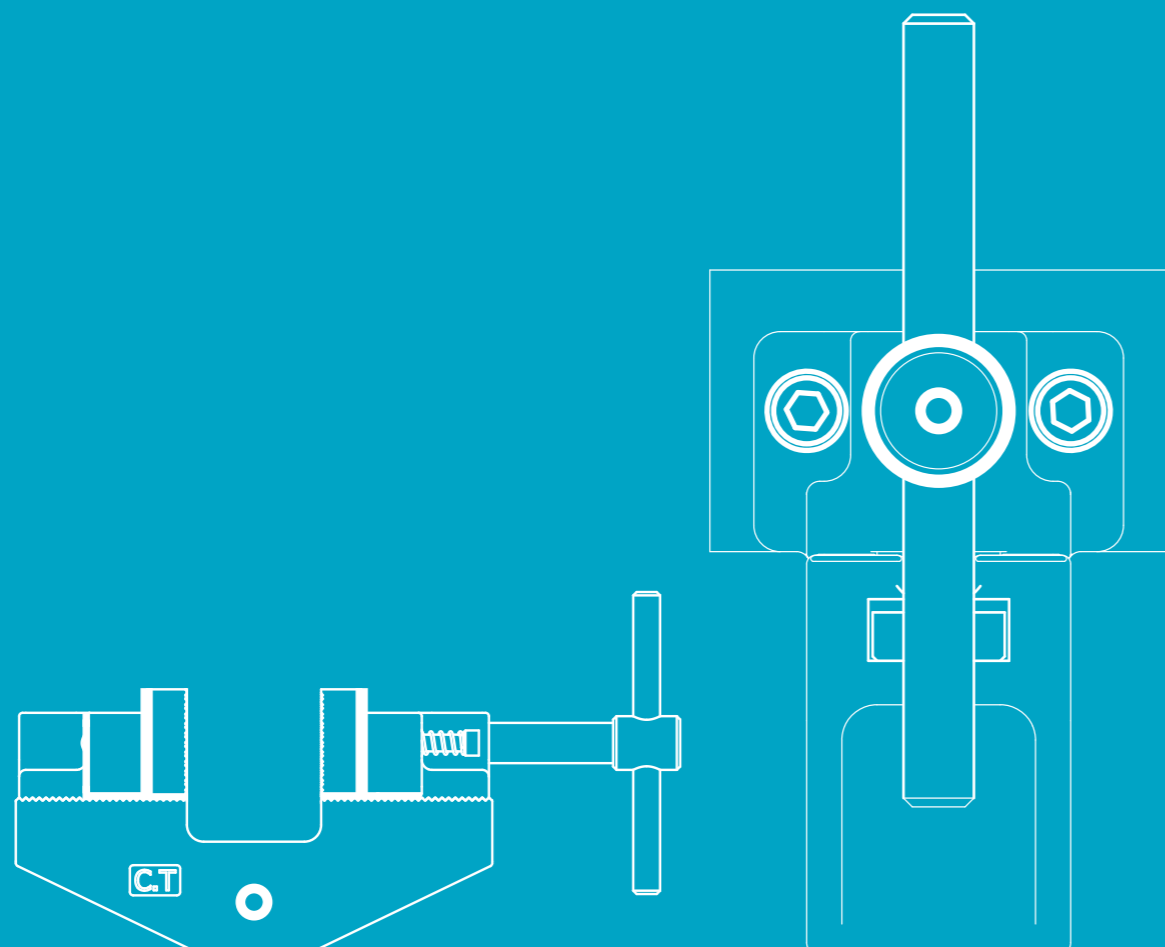
This tester is suitable for drop test resistant packaging material such as cardboard boxes, luggage, electrical appliances and other accessories...etc. It need to be simulated transport conditions to do test. The test result can be used as product packaging in the transportation process, or when falling down this machine, we can more sure how the good safety and complete when being delivered.

	QC-113A	QC-113B
Testing height	30 ~ 130 cm	30 ~ 180 cm
Moving speed	2000 mm/min	
Plate size	27 x 47 cm (W x D)	
Max.Load capacity of specimen holder	60 kg	
Max. packing of specification size	80×80×80 cm	
Weight	300 kg	



TEXTILE & FABRIC TESTING MACHINES

Test textile raw material strength, fastness, abrasion-resistance and color matching. Related test for finished products and raw materials which are needed in the process of textile production.



Textile & Fabric Testing Machines

QC-302 Motor Wrap Reel

By this tester can take a certain number of turn and length of the yarn, and get yarn of strength and match with balance weight to calculate the number of yarn.

QC-302

Number of yarn skeins	5 Set
Speed	200 R.P.M
Circumference	1 M/Turn or 1.5 Yarn/Turn
Counter	0~99,999
Size	90x50x65cm
Weight	60kg



QC-309 Motor Twist Counter

The tester is able to examine "Twisted level" and "Twisted Shrinkage" of fiber or yarn no matter it is single or twisted. S and Z directions are all available.

QC-309

Indicator	Digital Display
Speed	50~800RPM,Adjustable
Direction	S or Z Switchable
Specimen of size	5~52cm
Size	85x19x37cm (WxDxH)
Weight	12kg



QC-309A Manual Twist Counter

The tester is able to examine "Twisted level" and "Twisted Shrinkage" of fiber or yarn no matter it is single or twisted. S and Z directions are all available.

QC-309A

Indicator	Digital Display
Speed	Manual Control
Direction	Manual Control S or Z
Specimen of size	5~52cm
Size	95x19x37cm (WxDxH)
Weight	12kg



QC-317A Water Penetration Tester

This Tester is test the endurance of waterproof fabric, cloth or other material, as exposed to water (common use 1cm/sec), when water penetrate from waterproof and record the pressure which is waterproof of hydrostatic pressure.

QC-317A

Specimen	8 inchx8 inch (about 20x20)
Surface pressure diameter	4.5 inch(about 114mm)
Pressure speed	5~30mmH2O/sec Adjustable
Water pressure height	0~1800mmH ₂ O(With Scale)
Size	65x70x260cm (WxDxH)
Weight	125kg



Textile & Fabric Testing Machines



QC-317 Portable Type Water Penetration Tester

It aims to test the water pressure-resistance for waterproof fabric or other material and it is portable and without electric power to do testing. It is convenience to use at working place as well.

	QC-317M	QC-317N
Specimen of size	12x12cm	
Testing pressure diameter	9.4cm	
Pressure of range	Dual scale switching 0-2000 mmH ₂ O(0.2kg/cm ²) 0-10000 mmH ₂ O(1.0kg/cm ²)	0-10000mmH ₂ O (1.0kg/cm ²)
Dimension	35x20x32cm(WxDxH)	
Weight	5.9kg	



QC-319 Dyeing Rubbing Tester

Attach dry or wet white cloth to the abrasion head and abrade the specimen under certain load weights. User can evaluate the contamination level by observing the white cotton color to determinate the discoloration resistance level.

	QC-319
Testing quantity	6 piece/time
Specimen of size	22x3cm
Rubbing speed	30CPM
Load	200g or 500g
Rubbing distance	100mm
Counter	1~99,999
Dimension	45x65x35cm
Weight	45kg



QC-621A Manual Crock Meter

This tester hammer head can grip dry or wet white cotton under 900g, to have abrasion test for specimen(common standard 10 times of test), observing discolor level of the cotton to determine the specimen color fastness condition.

	QC-621A
Abrasion head load	900 g
Abrasion head diameter	Ø16 mm , white cotton fixing ring
Abrasion distance	10±0.7 cm
Counter	LCD displayer, with zero setting
Machine dimension	60 × 28 × 24 cm (WxDxH)
Machine weight	5.5 kg



QC-621 Electronic Crock meter

Test method is to clamp specimen on fixed seat of abrasion, wrap 5cm x5cm white cloth on the rub-hammer above the specimen with one back and forth each second speed to abrasion the specimen, total 10 times travel, taking out white cotton and use gray scale to compare of the decolorization level.

	QC-621
Abrasion hammer load weight	900 g
Abrasion hammer diameter	16 mm
Abrasion distance	10 cm
Counter	3 digitals, auto stop.
Test head speed	60CPM
Dimension	65 × 25 × 25cm
Weight	10kg

Textile & Fabric Testing Machines



QC-701A Color Viewing Booth

Objects display color vary base on light source change. Simulate under various standard light source to compare if the test meet user's request.

	QC-701A
Inner box	67x37x35cm
Light source type	D65 、TL84 、CWF 、A 、UV total five type
Timer	5sets,record using time of each light.
Machine dimension	72x42x58cm
Machine weight	25kg



QC-PS Circular Sample cutter

The tester is used to create a circular sample speedily and accurately for testing purpose. It can be applied to textile material like fabric woven, Non Woven, Knitted Fabric and carpet, plastic sheet, expanded polystyrene, papery and wooden sheet, etc. It is indispensable instrumt for clothing and dyeing factory.

	QC-PS
Sample area	100cm ²
Sample diameter	Φ113mm
Cutting thickness	Around 5 mm
Machine Dimenseion	12x12x10cm
Machine Weight	1.3kg



QC-SM Thickness Gauge

With its small size, light weight, easy to carry, big dial plate design for reading value easily. Also, the wide varieties of specification and cheap prices become the most people best choice.

	SM-112	SM-114	SM-528	SM-1201
Read(mm)	0.01~10.0	0.01~10.0	0.01~20.0	0.001~1.00
Range(mm)	10	10	20	10
Depth(mm)	26	120	30	30
Load(N)	2.5	2.5	3.5	1.5



QC-305 Spray Tester

This tester may test water-proof or non-water-proof textile such as cloth, silk, wool, gunny and chemical fiber, etc. The purpose is to test the textile surface moisture resistance.

	QC-305
Sample size	18 x 18cm
Sample ring	Ø150 mm
Tilting angel	45°
Spray distance	6"
Water volume	250ml, Spray time:25~30 sec
Dimension	30 x 30 x 65cm
Weight	15kg



QC-337 Elmendorf Tearing Strength Tester

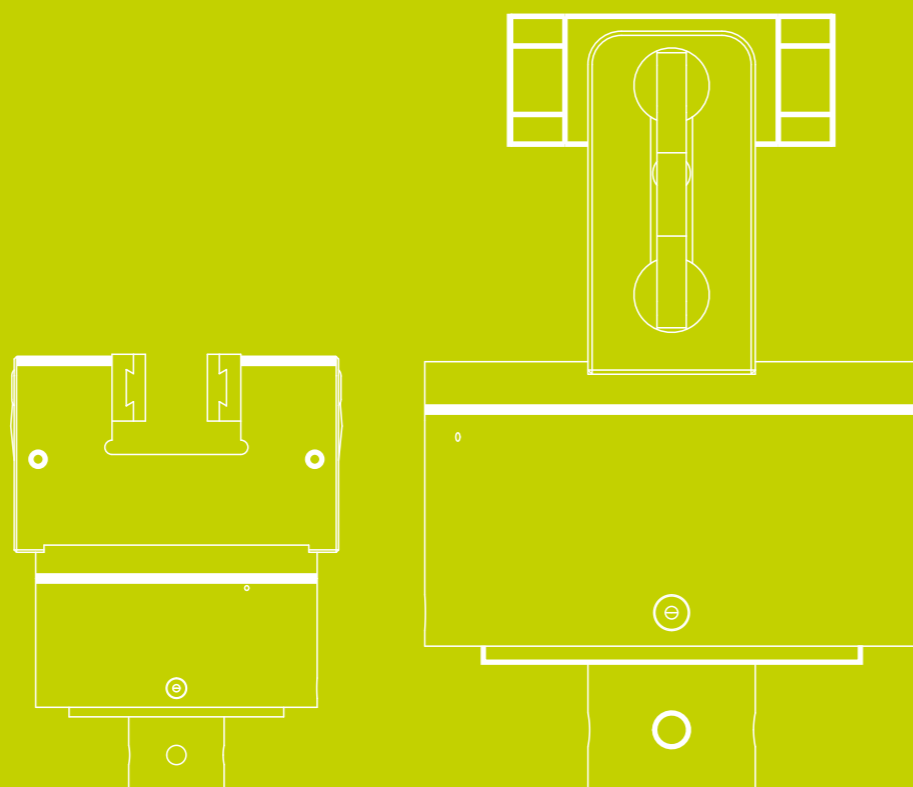
Cometech tearing strength tester is used to test the tear force of paper, fabric, PVC material in accordance with individual test strength. Grip the specimen and make a notch with cutter. Falling pendulum will swing through to tear the specimen. Meanwhile, the scale will indicate the tearing force. Tearing force can be adjusted according to various materials

	QC-337
Specimen size	63.5 x 100 mm
Capacity	0~3200g/0~6400g Double capacity (changeable) with counterweight
Feature	With cutter.The needle point out the value of tear strength directly.
Dimension	47 x 25 x 38 cm
Weight	25 kg



RUBBER & PLASTIC TESTING EQUIPMENTS

Polymeric materials have many strong points, but we need to know each material characteristic in order to use it properly. Cometech provides a wide range of testing machines, so our R&D Specialists have enough information to design qualified products.



Rubber & Plastic Testing Equipments

QC-601T Manual Thermos Press Forming

This tester is a bench-top manual press forming machines. The table type of Manual Press Forming Machine with new design, small and light, more convenience for operating. Great assistant for making specimen.

QC-601T				
Pressure	2t	5t	10t	20t
Temperature	Room temperature ~ 300°C			
Timer	0 ~ 999 minute			
Heating plate size	15×15 cm			
Electric hot plate distance	60~100 mm (adjustable)			
Accessory	forming mold for specimen, one set			
Dimension	60×35×75 cm			
Weight	110 kg		120 kg	150 kg



QC-601A Manual Forming Machine

Put the plastic (or rubber) raw material into the casting mold between the upper and lower heating plate, implement pressure and temperature, to form the material into a standard shape to be a sample to serve for test, or to be an example of color comparison, also to be example before mass-production.

QC-601A					
Pressure	5t	10t	20t	30t	50t
Temperature	Room temperature ~ 300°C				
Cooling method	Cooling water circulation(optional)				
Timer	0 ~ 999 minute				
Electric hot plate size	25×25cm(standard)		30×30cm (optional)		
Electric hot plate distance	60~100 mm (adjustable)				
Dimension	47×62×145 cm				
Weight	260 kg		300 kg		350 kg



QC-602A Electrical Forming Machine

This machine of main function has heating device in upper and lower platen. It can through electric oil pressure in upper and lower platen. It also can choose platen with cooling function and make less specimen, press and product in lab.

QC-602A				
Pressure	10t	20t	30t	50t
Temperature	Room temperature ~ 300°C			
Timer	0 ~ 999 minute			
Electric hot plate size	30×30 cm			
Electric hot plate distance	60~100 mm (adjustable)			
Dimension	112×65×137 cm(W×D×H)			
Weight	380kg	420kg	480kg	550kg



QC-672 Electrical Manual Thermos Press Forming Machine

Automated molding step, put the plastic or rubber material into the mold and after start pre-press the specimen, heating, molding, cooling of steps. The material is according to the mold become shape. It provides for testing or compares color or makes less specimen and used as the basis for factory mass-produced ingredients.

QC-672	
Pressure	10, 30, 50ton (optional)
Temperature	Room temperature~ 300°C
Electric hot plate size	30×30 cm(or designate)
Electric hot plate distance	120 mm (Max.)
Accessory	Flat specimen mold, one set
Temperature can be set	Forming temperature, open model temperature
Pressure can be set	Pre-pressure, molding pressure
Dimension	110×70×152 cm(W×D×H)



Rubber & Plastic Testing Equipments



QC-603A Pneumatic Specimen Press

This tester is pneumatic type with double switch safety design. It greatly increased the safety of operation and match with all kinds of cutting mold used to quickly cut out various shape of the specimens.

QC-603A	
Suitable material	Rubber, soft plastic (hardness under A90 degree) & leather...etc.
Diameter plate	Upper plateφ145 mm, Lower plate 260 x 230 mmV
Output stroke	100 mm
Output	900 kg
Power	3 ~ 6 kg/cm²
Dimension	35 x 42 x 63 cm
Weight	55 kg



QC-603C Air-Hydro Specimen Punch

This tester modified from the QC-603A-type, the main change is the use of some air oil conversion increased the machine's output and able to cut the hardness material. This tester is use pressure-driven machine with dual-switch to safe design with safe operation and with all kinds of cutting die used to quickly cut out various shapes of the specimens.

QC-603C	
Suitable material	Hardness plastic (hardness under A90) & cloth
Diameter plate	Upper plate size:35 x16cm , Lower plate size:35 x 18cm
Output stroke	20 mm
Output	3000 kg
Power	3 ~ 6 kg/cm²
Dimension	42x45x105 cm
Weight	80 kg



QC-603G Hardness Specimen Cutting Device

Higher or thicken of Polymer specimen hardness can not in general of the knife cut into the required shape, generally, the specimen will be formed directly in the mold to be the appearance or use machine tool with the mold of the specimen processed by way of appearance.

QC-603G	
Cutting speed	High speed 3600 RPM · Low speed1800 RPM
Specimen thickness	2 ~ 30 mm
Minimum cutting angle	R=6 mm(cutter of radius)
Dimension	47x40x45cm (W x D x H)
Weight	60 kg



QC-605 Oven

Excellent thermal insulation of the body design and precision electronic temperature controller, so that the test machine's heating up fast, low power consumption,Prolonged use of body surface heating; over-temperature protection features enhance the use of more security.

QC-605M		QC-605L
Temperature range	40°C ~ 200°C	
Heating type	Hot air circular with two sets of heater	
Accessory	Two shelves, Shelves Height adjustable.	
Inner size	40x40x45 cm	50x50x60 cm
Outer size	74x64x118 cm	100x70x115 cm
Weight	70 kg	90 kg

Rubber & Plastic Testing Equipments



QC-607 Aging Oven

This machine is equipped with two layers of specimen racks, which rotate automatically to make specimen heated evenly. With an observing window, user can see the real condition of specimen without opening the door.

QC-607M		QC-607L
Temperature range	Room temperature 40°C ~ 200°C	
Timer	0~999 hours	
Rotary table	2 layer, height adjustable	
Inner size	40x40x45 cm	50x50x60 cm
External size	74x64x118 cm	80x70x130 cm
Weight	75kg	95kg



QC-615A AKRON Abrasion Tester

Using grinding wheel and specimen into 15° tilt angle and perform friction between sample and grinding wheel by rolling way, Using specimens before and after wear volume loss as a test piece of the anti-abrasion characteristics.

QC-615A	
Weights	2 pounds and 6 pounds
Testing angle	15° (adjustable)
Grinding wheel	# 40
Diameter of grinding wheel	150 mm
Dimension	65x45x45 cm
Weight	65 kg



QC-619K Taber Abrasion Tester

Using specified Grinding wheel with specified Load rubs the surface of specimen and then measures the weight difference after testing, records it as abrasion level. Some will evaluate the thickness of specimen by naked eye or by measurement.

QC-619K	
Grinding Wheel	Diameter 2inch, thickness1/2 inch
Distance	Distance between two wheels center : 63.5 mm Distance between wheel and the center of tray : 38 mm
Rotary Speed	Step motor, 1~100 rpm, adjustable
Load	250g 、500g 、1000g
Machine dimension	55 x 38 x 47 cm
Machine weight	30 kg

QC-618A DIN Abrasion Tester

This tester is designed to test tire, conveyor belt, transmission belt, and shoe sole, etc., according to DIN standard. In simulate testing, it is considered the best way to test material which is in the working state of easily have abrasion and tearing.

QC-618A	
Sample size	diameter16 mm, thickness 6 ~ 16mm
Load	2.5N 、5N 、10N
Wheel	Diameter150 mm 、Perimeter 471 mm 、Rotary speed 40RPM
Sand paper	#60 or indicated
Specimen movement	4.2 mm / rev
Stroke	40 M
Sample Tilt angle	3°
Machine dimension	81 x 32 x 36 cm
Machine weight	90 kg



Rubber & Plastic Testing Equipments



QC-631 Compression & Deformation Tester

It is for testing vulcanized rubber under a specified constant compression and heating condition to check the permanently deformation rate of the material. This test should collocate oven and thickness meter.

QC-631	
Specimen size	Ø28.68 ×12.7mm (rubber); 50 ×50 ×25 (H) (Foam plastic)
Material	Whole set is made by SUS 304 stainless steel.
3 pieces of compressed plates	The surface had been polished to provide an even surface for test
Interval ring	5.0, 7.62, 8.89, 9.52, 10.16 mm are available (10 interval rings of the same size will be offered for free).
Machine dimension	20×10×12cm
Machine weight	7kg



QC-639C (D) Universal Impact Tester

Specimen absorbs pendulum energy through one impact swing; calculate the absorbed energy as impact test data. Two common impact methods, IZOD method that specimen fixed on one side and impact another side; CHARPY method that specimen fixed two sides and impact the middle. After test, use software to calculate.

QC-639C		QC-639D
Test type	IZOD 、CHARPY 、Tension impact	
Standard	ISO 179/180, ASTM D256/6110	
Start impact Angle	150°	
Test Capacity	1-12J Base on customer of requirement	1-25J Base on customer of requirement
	Best accurate range: 20~80% of the full capacity.	
Accessories	Operation manual, energy calculation software.	
Dimension	90x 30 × 76cm	90 × 38 × 76m
Weight	100kg	160 kg



QC-639F(G) Digital Impact Tester

This tester was built according to material impact resistance test. It is a high precision tester and easy to operate. Testing value will display on LCD panel directly without passing through complicated calculation.

QC-639F		QC-639G
Test type	IZOD / CHARPY	
Capacity	1-25J	1~50J
Machine display angle	0.05°	
Impact angle	150°	
Display energy unit	J 、J/mm 、J/cm 、J/mm² 、J/cm² 、KJ/m² 、Kg-cm 、Kg-cm/mm 、Kg-cm/cm 、ft-lb 、ft-lb/in 、ft-lb/in²	
Machine dimension	88x42x80cm	
Machine weight	200 kg	



QC-640 Impact Specimen Angle Cutting Device

This machine can cut impact test standard specimen to have a V shape notch, the specimen will be more stable and accuracy during operation. The cutter choice of V shape notch base on different standard. This device itself also can adjust the cutting depth to meet specimen requirement.

QC-640	
Cutting speed	30-550 m/min (adjusted)
Notch Angle	45° (or indicated)
Ample Size	Thickness 3 ~ 13 mm, height 10 ~ 13mm
Sample Length	140 mm (max.)
Cutting Radius	R=0.25 mm(or indicated)
Machine dimension	48 × 37 × 35 cm
Machine weight	40 kg

Rubber & Plastic Testing Equipments



QC-641 DUPONT Impact Tester

This tester aims to test the impact endurance of coated material. Put coating on the steel plate and make standard specimen, use suitable impact head and energy to impact specimen. Evaluate the coating adhesion and crack state after steel plate deformed. The dimension, weight and height of hammer head can be chosen by user in accordance with different testing condition.

QC-641	
Impact Height	50 ~ 500 mm
Impact weight	300g,500g,1000g per pcs
Impact head and fixed mother block	1/2″,1/4″,3/16″,1/8″ per set
Machine dimension	42×26×100 cm
Machine weight	45 kg



QC-652A Melt Flow indexer

Molten mass flow rate is thermoplasticity plastic which under certain temperature and load. To melt of material on each 10min through standard hole mold of quantity which unit is MFR. Each 10min through standard mold of volume that unit is MVR. The value is mean thermoplasticity plastic under melt condition of viscous flow characteristic.

QC-652A	
Use temperature	100~360°C
Temperature error	±0.3°C
Counter accuracy	±0.01s
Piston push rod weight	100g
Heater size	9.55±0.01
Hole mold	2.01±0.01
Counter weight	1100g 、2060g 、3700g 、4900g for each

QC-654 H.D.T. Heat Deflection Tester

Test specimen placed on the Charpy of structure and main function is test of center position 0.445MPa or 1.82MPa of bending stress. The test environment temperature increase 2°C/min. To measure specimen center of deformation in 0.25mm temperature value as deformation temperature.

QC-654		
Type	Mechanical Type	Auto Type
Temperature	Room temperature ~ 300°C	
Temperature Control	Temperature rise speed 2°C/min	
Deformation	0.01 ~ 10 mm	
Span	100 mm(max.) adjustable 50mm	
Test quantity	1/2/3/6 stations for your choice	
Accessories	Stainless steel oil temperature cooling loop system 1 set	



QC-GS Holder For Hardness Gauge

This hardness gauge can provide precise load, heighten the accuracy and reproducibility during the hardness measurement test.

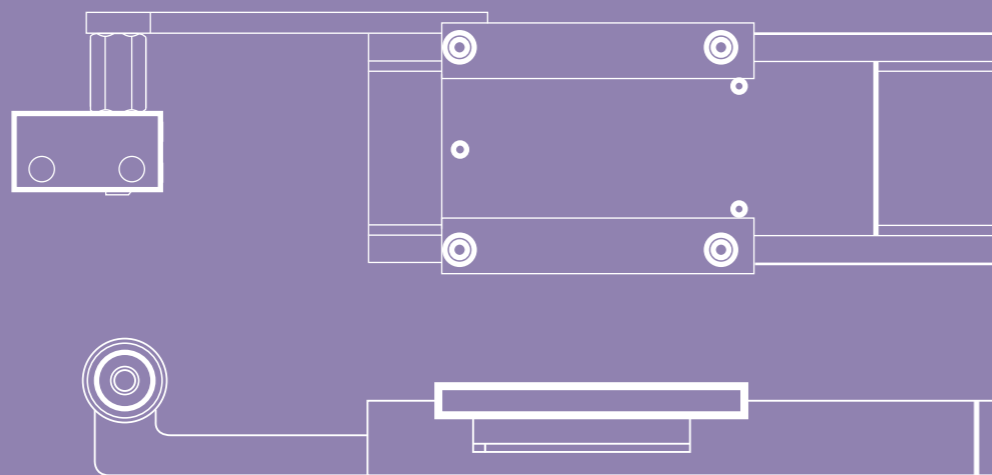
QC-GS	
Loading Weight	1 kg 、5 kg
Feature	Specimen height is adjustable
Machine Dimension	18 × 20 × 42 cm
Machine Weight	18 kg





ADHESION TESTING EQUIPMENTS

The most common testing method for tape testing is 180° & 90° peel test. It will have environmental temperature request according to tape using property, such as test under high or low temperature. Cometech provides complete testing machines for clients to make choices. For instance, holding force, initial adhesion, high speed peel and multi-angle peel test, etc. Also include specimen cutting equipment.



Adhesion Testing equipments

QC-801 Tape Retentivity Tester

The tester can record the time of adhesive force when tape sustain a certain weight, if there are many machines, they can be stacked to save space.

QC-801	
Testing jigs	10 sets
Load	1 kg×10pcs (designated weight)
Machine dimension	93×26×62 cm
Machine weight	45 kg



QC-802A Tape Retentivity Tester (Heating Tape)

This tester can simulate a high temperature environment, and record the adhesion time when the tape sustains a certain weight in a specific high temperature.

QC-802A	
Temperature	Room temperature~200°C
Testing jigs	10 sets
weights	1 kg(or other specification) × 10 pcs, stainless steel
Timer	Electronic LCD display, automatic retention time, 9999 hours, total 10 sets.
Machine dimension	100 × 50 × 92 cm
Machine weight	80 kg



QC-803A Manual Roller

Roller can provide a standard load, so that tape and objects can be well fit and can be produced specimen under the same conditions, reduce the error of adhesion test.

QC-803A	
Weight of Roller	2 kg
Width of Roller	45 mm
Diameter of Roller	95 mm
Roll cover: Rubber to hardness scale	Shore A (80°±5°)
Machine dimension	13 × 22 × 8 cm
Machine weight	2.7 kg



Adhesion Testing equipments



QC-803K Motor Roller

Roller can provide a standard load, so that tape and objects can be well fit and can be produced specimen under the same conditions, reduce the error of adhesion test.

QC-803K	
Weight of Roller	2 kg(two roller can be used at the same time)
Speed of Roller	300 mm/min
Width of Roller	45 mm
Diameter of Roller	95 mm
Machine dimension	62 x 36 x 25 cm
Machine weight	38 kg



VT-03/04F Viscosimeter

VT-03F/VT-04F is suitable for wide range viscosity measurement such as industrial materials heavy oil, paint and binder, etc. It can do quality control in the process of manufacturing for food and other production. While examining engineering vehicles or other machinery, it also can measure hydraulic pressure oil, light axle oil and gear oil, etc.

	VT-03F(low viscosity)	VT-04F(low viscosity)
Measurement range	No. 4 rotary tube No. 5 rotary tube No. 3 rotary tube	No. 3 rotary tube No. 1 rotary tube No. 2 rotary tube
Liquid sampling volume	Around 460 mL	No. 1 and No. 2 rotary tube around 300mL, No. 3 rotary tube around 170mL
Rotary cylinder speed	62.5rpm	
Volume	9.8(width) x 18.1(length) x 4(height)cm	
Weight	Around 570 grams (w/o battery)	



QC-507E Horizontal Tensile Tester / Light capacity(100N)

Comtech QC-507E is especially designed for 180° peeling test. It can reduce specimen self weight to affect the testing strength while doing test. Small size can save space and easy to operate. It is suitable for light capacity within 100N which can be matched with various grips and jaws and also is suitable for electrical and tape, etc.

QC-507E	
Max capacity	100N (10kgf)
Stroke(w/o grip)	300mm
Fastest test speed	500mm/min
Lowest test speed	5mm/min
Connection	USB
Strength resolution	1/10,000
Dimension	92x30x38 cm
Weight	36kg
Power	100~240VAC ,3A

Adhesion Testing equipments



QC-805 One Set of Tape Initial Adhesion Tester

Using steel ball to roll on tape, and then use the rolled distance before steel ball is stuck by tape and its size, to determine the initial adhesion.

QC-805	
Test angle	0° ~ 40° Adjustable (common use 30°)
Run-up distance	100 mm
Steel Ball	#2~#32
Machine dimension	60 x 20 x 49 cm
Machine weight	15 kg



QC-805A Four Set of Tape Initial Adhesion Tester

Using steel ball to roll on tape, and then use the rolled distance before steel ball is stuck by tape and its size, to determine the initial adhesion.

QC-805A	
Test angle	20° ~ 40° Adjustable (Common use 30°)
Run-up distance	100 mm
Steel Ball	#2~#32
Machine dimension	55 x 30 x 30 cm
Machine weight	35 kg



QC-805P PSTC Tape Initial Adhesion Tester

This tester provides a fixed angle track for steel ball, and then use the rolled distance before steel ball is stuck by tape to determine the initial adhesion.

QC-805P	
Track Angle	21.3°
Track Length	6.5 inch
Size	23 x 6 x 7 cm
Steel Ball	#7 & # 14 each
Weight	800 g



QC-527A2 Adhesion Testing Machine

Horizontal type tensile testing machine is mainly applied to peel or friction test. The tilting angle of test table and the height of load cell can be adjusted according to the individual test demand. It's very convenience to control machine and analyze data through the help of software.

QC-527A2	
Max. output	500N
Moving speed	100-30,000mm/min adjustable
Moving stroke	400mm
Testing angle	30°~180° (adjustable)

The load cell can adjust position, height and angle of direction to multi-angle of testing requirement.