



Cometech Testing Machines Co., Ltd.

COMETECH professionally manufactures quality control equipments in Taiwan. Cometech offers material testing equipments including universal testing machines and digital force testers for tensile, compression, flexural, torsion and fatigue testing. Quality control instruments are our main products including material testing machine, impact testing machine, abrasion tester, torque tester, drop tester, friction tester, force tester, adhesion tester and testing accessories such as grip and extensometer. Our testing machines are applied for many kinds of materials including high polymer material, metal material, fabric, textile, tape, viscose, paper, electronic material, rubber & plastic, etc. Not only raw materials test but also components and finished products testing are applied to our universal testing machines. Mechanical material testing machine is to measure the physical property of material. In accordance with the material nature and test demand, we manufacture a wide range of grip and fixture to accord with various test standard such as ASTM, JIS, ISO standard. Welcome to visit our website : www.come-tech.com.tw

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Welcome ! **Textile tester equipment** products are described below. More information about **Textile tester equipment** products will be frequently updated in this category.

[Categories](#) > [Textile tester equipment](#)



[QC-301 \(Manual Wrap Reel \)](#)

Manual Wrap Reel is for winding yarn thread with required length, and then tests its LEA strength, also for calculating the yarn-measurement. For the textile testing equipment, circumference is adjustable; this will put the yarn thread in order, and will not mess up the yarn thread, also to prevent overlapping, too. When revolving, a multiple device in this test instrument can reduce the counts and time of revolving. Use counter to read the instant winding-revolution. Wrap reel widely apply to textile and yarn industry. Cometech is the supplier of textile tester equipment in Taiwan. We export not only wrap reel but also quality test and inspect machines.

Click view more pictures for more other related textile testing machines.



[QC-309 \(Motor Twist Counter \)](#)

Twist Counter apply to the textile industry. Textile industry always improves the quality by plied twist to increase tensile strength of yarn in production. Motor Twist Counter is to count out the number of twist by untwisting the yarn, then dividing by length of specimen to obtain the number of plied twist per inch. During testing process, also obtain the percentage of twist shortening. This twist counter equipment is very suitable for the yarn industry. Cometech makes tensile testing machines, Abrasion testers, Impact testers and Carton compression testers in Taiwan. We also offer accessories for Materials Testing including Grips, Fixtures, Extensometers, Load Cells and more to improve your test systems.



[QC-317A \(Water Penetration Tester \)](#)

Water Penetration Tester tests water penetration of waterproof textile (fabric). According to using pressing force and environment difference, there are three kinds of permeation tester : high pressure (0~40000mm/aq) seam tester, low pressure (0~2000mm/aq) seam tester and portable type water penetration tester. The testing principle of these three hydrostatic pressure testers is to pressurize by constant pressing force until over three globs come out and stop recording the value of water column high pressure. Another test method is to pressurize by a constant pressing force in a definite period, and watch if there is glob comes out to determine the qualification. Cometech makes seam pressure tester, textile sample cutter, twist tester and crock meter for textile industry. Click view more pictures for more other related testing machines.



QC-319 (Dyeing Rubbing Tester)

Dyeing Rubbing Tester checks color infection of textile in rubbing action. This textile tester equipment apply to textile and leather industries.

This testing instrument provides a specific load to be used with white cloth for checking the color inflection of textile in rubbing action.

This Dyeing Rubbing Tester is for colored fabric or leather and similar material.

To test the dyeing-color firmness against abrasion, use standard white cotton(dry or wet) to number of times smoothly to the colored specimen, then take out white cotton cloth to compare with " standard gray scale" and evaluate the level of color firmness against abrasion of dyeing or printing of the material.

The material test instrument can meet textile industried test requirement and supply testing solutions.



QC-337 (Elmendorf Tearing Strength Tester)

Elmendorf Tearing Strength Tester uses specimens with same size (63.5X100mm), pre-cut length and then use segment pendulum to tear the specimen, read the tearing strength on the scale. Take each 5 times of Latitude and Longitude of fabric, calculate the partial average, the quotient is the value of the Tearing Strength for this fabric specimen. The tearing testing machine provides a precision testing method for the textile industry.

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QC-621A (Manual Crock Meter)

Crock meter provides a hammer which covered with a white cloth. Use abrasion speed at 1time/1sec. to rub the specimen, total 10 times of "back and forth" (or other specified number of times), take out the white cotton cloth to compare with "Gray Scale for Staining", for evaluate discolor level of this specimen.

This testing meter is based on AATCC-8 standard regulation, to fix specimen in down grip, and fix a white cloth to up rubbing head, and do the reciprocating action to rub ten times with 900g load to determine the fasten of color of specimen. This testing machine is manual type, however you also can choose the electric type mater if testing frequently like 60 times per minute. You also can do the test moistly by adding water or other liquid.



QC-701 (Color Viewing Booth)

This color testing equipment combines many different light sources for color comparison for printing, coating, textiles, and fluorescence.

The determination could be different in various environments. Supper light offers D65 standard sunshine light, F indoor light, UV fluorescence light and A sunset light. (option of other lights are also available.) Supper daylight tester has the function of using hours recording for each different light, which can be referred for lamp tube life time. This quality control instrument apply widely to textile industry.

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QC-PS (Textile Sample Cutter)

Sample cutters use a drawing action to cut accurate circular samples with smooth edges. Even difficult materials such as fine knits, thin films, tissue paper, corrugating cardboard and synthetic leather can be cut by circular sample cutter without error.

To test the weight of unit area of paper and textile, the specimen should be made by neat cutting to lessen burr to keep the measure of area. The weight of unit area can be easy to be calculated by weighing scale. To use the specimen cutter equipment to finish a specimen, just need to do the one movement of pressing down and rotating. The cutting diameter of specimen is 100 cm². This textile tester equipment is widely used in textile industry.

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