

# YASUDA TESTING MACHINES



Red Star Vietnam Co., Ltd.



Plastic is often a preferred material over metal because it is durable and easy to work with. These plastic products need to be examined in their strength for impact, abrasion, heat-resistance and so on.

### Paper. Pulp



Paper and pulp are versatile and essential materials in our life as they have various peculiarities. Our testing machines examine all their signature properties, such as absorbance, bend-resistance, and strength to compression.



Because of its elasticity and flexibility, rubber, including car parts such as tires, tubes, and brake parts are used in all type of industries.

# Paper. Pulp

Fabric is a material, which directly touches people's skin and consequently needs to be tested while considering safety issues and durability. We have various excellent testing machines for fabric and dyeing that apparel industries and fabric manufacturers adopt.



# Electric Wires . Cord

It is extremely important to examine the safety of either electrical wires or enamel cords which carry electricity. There are various testing machines for electrical wire examining the stability, transformation occurred by heat and the flexibility.



## Paint . Pigment . Ink

Paint, pigment, and ink applied to decorating products and used in making durable products, need to be examined for their requirements. Our testing machine investigates the paint's thickness, slackness, and durability according to any situations.

# Leather . Vinyl



Flexibility and everlastingness are required on all kinds of leather products. Our testing machines inspect properties of leather and can prove if it is useful to be processed as a product.



### Custom-made . Other Material

We believe that as many products exist, there needs to be many testing equipment that suits all kinds of particular material. At YASUDA SEIKI we can produce and provide custom-made testing machine according to your needs.

#### **Featured Products**



No.120-LABOT MELT FLOW INDEX TESTER (FULLY AUTOMATIC)



No.121-AUTO BRITTLENESS TEMPERATURE TESTER (FULLY AUTOMATIC)



No.148-HDA HEAT DISTORTION **TESTER (FULLY AUTOMATIC)** 



No.258-ZA IMPACT TESTER (FULLY AUTOMATIC)



#### Stretching/Compression/Bending

There are several ways to examine properties, such as stretching, compressing, and bending, when materials are transformed into products.Please try all kinds of testing equipment assorted at YASUDA SEIKI SEISAKUSHO, LTD.



There are various ways to examine the strength to impact caused by either pendulum or fall, depending on material or the use of products. We have functional testing machines dealing with any issues and any type of industry.



#### Abrasion/ Friction

Abrasion or friction testing is extremely important for rubber or plastic products, which are painted or plated. Try our testing machine to examine the longevity and the durability of your product under severe situations.



#### Distortion/ Pressure/ Creep Testing

Testing machine is produced in consideration of the products manufactured for consumers. Measuring the strength and durability under bending, wear, or transformation by pressure (creep), especially is necessary with the knowledge of products' properties. We develop perfect testing equipment to examine all properties that products need.



#### Hardness/ Adhesion/ Strength

Strength is the element that whatever material, such as steel, plastic, and leather, needs when it turns into a product. There are various strength tests, which examine the strength to pressure, durability to scratch, and so on. Please try our testing machine developed to evaluate your products' strength and toughness.



There are the products changing their properties and shape by heating. Our testing machines examine the heat-resistance of any material and evaluate their properties such as expansion, soften temperature, and resistance to burn.



#### Material Processing

There is testing machine, which examines the properties of unfinished products. Evaluating the property of plastic which is on formation process or observing mixed different materials having different character is important. Finished products depend on processing property. Try our processing property examiner for your products.



#### Breakdown Voltage/ Voltage Durability

Safeness is the most significant element for manufacturing electric products. Both our breakdown voltage tester and voltage durability tester are perfect for examining the safeness of your products.



Products change their conditions with age and environment, such as corrosion by air or deterioration by light. We developed the testing machines, which are suitable for evaluating light-resistance and color stability by radiation and deterioration by ozone.



Chemical reaction test is different from physical test, such as rubbing objects or loading weight. Our testing machines add heat or water to material or dry material to evaluate the transformation.



Measuring product's character, such as thickness, stickiness, and density is essential. The consequence of these characters is hard to tell before the finished product, but the properties are very important for products' quality, functions, and accuracy. Try our measuring machines for developing functional products.



#### Sample Making/ Regulation

There are a number of tests which require the test samples meet specific conditions in diameters. We also provide sample makers and sample adjusters for sample preparation required these tests. Like our testers, our lineup ranges from plastic to paint. If it is required, we provide it; If it cannot be found in our lineup, please feel free to contact us via Inquiry Forum.



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