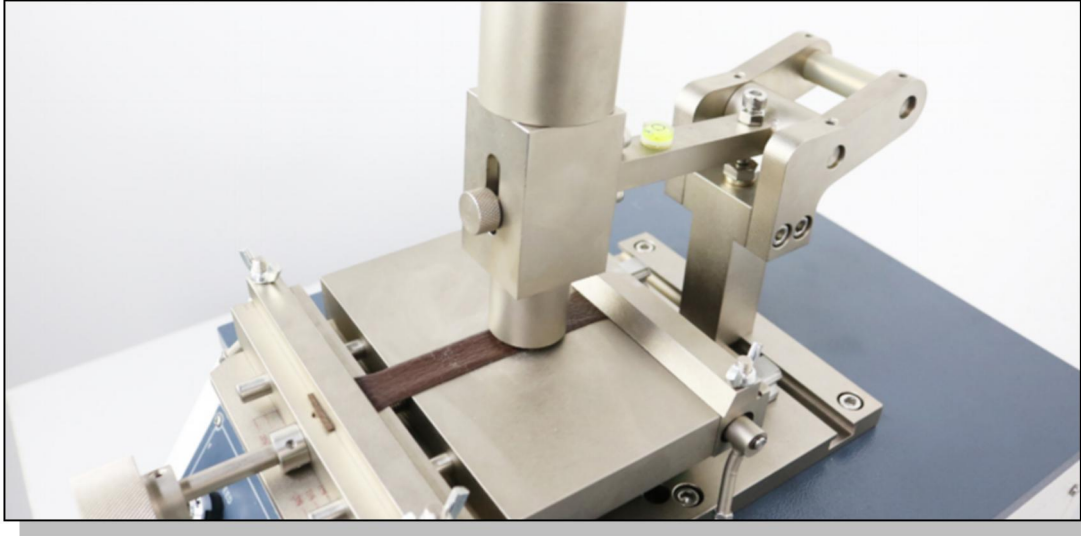


Product Presentation

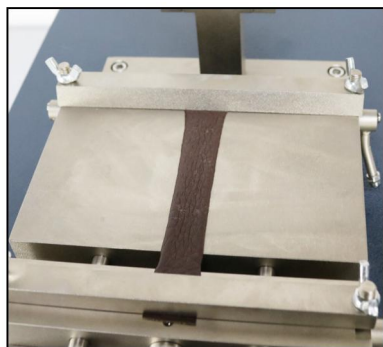


Application

This machine is used for color fastness testing of leather, plastic and textile. Under the specified pressure, let white wool felt to do reciprocating abrasion to the surface of dye sample. After a specified count, to assess the color fastness of sample by checking the color change and fading of sample and the discoloration of white wool felt. It can be used for dry abrasion testing and wet abrasion test.

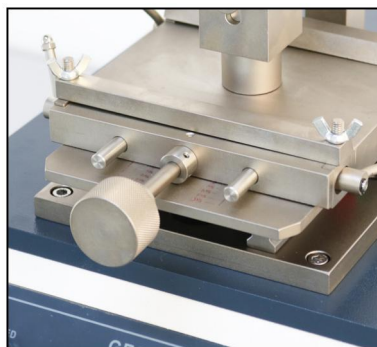


Testing Area



Fixed the sample

Sample Extensions Fixture



To adjust the distance between the front fixture and rear fixture

Abrasion Head with Wool Felt



This tester put the dry and wet felted wool on the friction mallet surface, rub the specimen move back and forth in a certain process and speed on the friction table for a certain times, and then evaluate its damage and decoloring degree.

Control Panel



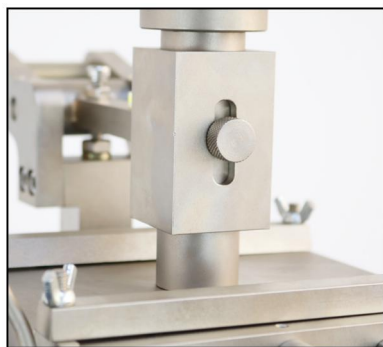
COUNTER: set and record the test times.

START: press this button, the test begin.

STOP: press this button during the test, the test will be stop.

POWER: power switch.

Friction Mallet Fixed Knob



Adjust the distance between abrasion head and sample.

Other details

- * A device for attaching pieces of wool felt to the base; the depth of the cavity is 3,9 mm \pm 0,1 mm;
- * wedge means and flat base on the test sample;
- * Means for driving the carriage backward and forward with a distance of travel of 35 mm to 40 mm at a frequency of 40 cycles/min \pm 2 cycles/min for the complete forward and backward motion;
- * Means of adjusting the position of the finger at right angles to the direction of rubbing, so that two or three positions may be used for rubbing on one piece of leather;
- * A motor to drive the carriage forward and backward;
- * Means for pre-selecting a given number of cycles;
- * standard wool pads, white or black wool felt, 15 mm x 15 mm, punched out of a sheet of pure wool felt meeting the following specifications:
 - pH of water extract between 4,5 and 8,0, according to ISO 4045
 - Mass per unit area: 1900 g/m² \pm 150 g/m²
 - Thickness, determined in accordance with ISO 9073-2, Method A: 6,0 mm \pm 0,5 mm
 - The black felt is dyed with Acid Black 24 (C.I. 26370)

Key Specification

Model	GT-KC01-1
Position	1
Area of testing head	15mm x 15mm
Cavity depth of testing head	3.9 mm \pm 0.1 mm (to attaching pieces of wool felt to the base)
Movement speed	40 \pm 2 times / min.
Rubbing stroke	35~40 mm
Rubbing finger mass	500g
Additional weight mass	500g
Fixtures distance	80mm
Sample size	120x20mm
Tension extension range of sample	0 ~ 20%
Power supply	1 ϕ AC 220V 50/60HZ
Dimensions (L x W x H)	490x340x550mm
Weight	33kg
Standards	DIN 4843, ISO 11640, SATRA PM 173, QB/T 2537, GB/T 20991 section 7.3, ISO 20868 EN ISO20344 section 7.3, AS/NZS 2210.2 section 7.3

Accessories

Standards accessories	1pc	500g Weights
	1pc	Power line
	1000pcs/packet	Standard wool pads white
	100 pcs/packet	Wool pads black