

No.551 CROSS CUT EXFOLIATION TESTER



JIS-D0202, (K5400), K5600-5-6, ASTM-D2197, ISO-2409

This tester is used to evaluate the adhesion of coated film according to the cross cut method. The operator is to check and evaluate the surface of the coated film after it has been grid cut until the cut reaches the basis material.

Model	No.551
Specimen Base	90x90mm, 90° Rotation (Manual)
Stroke	Left-Right Max.50mm, Front-Back Max.50mm
Scratching Pitch	0.5,1.0,1.5,2.0mm (Manual)
Scratching Speed	10mm/s (Option: 4 Stage Change-Over)
Test Load	Max.350gf (Balance Weight)
Needle	Ø3mm, L23mm, Top Angle 60°
Option	Conduction Device, Cutter Setting Jig, Length Setting Sensor
Power Source	AC100V, 1-Phase 5A, 50/60HZ
Dimensions/Weight (Approx.)	W320xD230xH440/20kg

No.551-AUTO AUTOMATIC CROSS CUT EXFOLIATION TESTER

No.551-AUTO-1

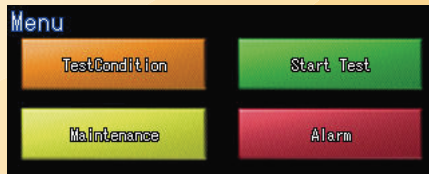


No.551-AUTO-1 automatically cuts the test specimen. The operator is to rotate the specimen base 90° manually.

No.551-Auto-2 automatically cuts the test specimen, and the specimen base will rotate 90° automatically after cutting the specimen.

Upgrade!!

Simple instructions of the test on the display can be made in various languages!



With the help of instructions displayed on the touch panel, the operator is able to conduct the test smoothly. The operator can operate in English and other languages!

No.551-AUTO-2



Rotates 90° automatically!

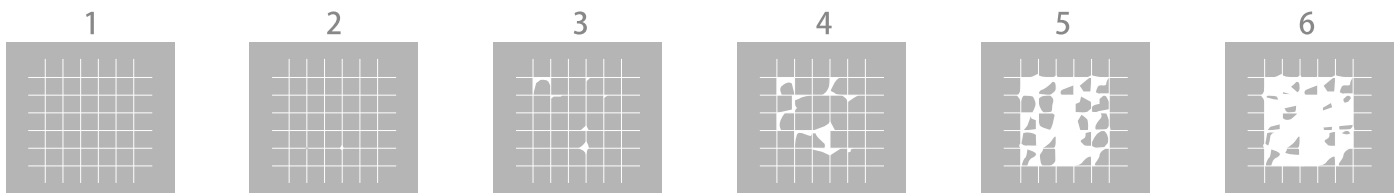
Test Procedures



First, make the number of cuts that are decided by the Standard (6 cuts) then rotate the specimen base to 90° and make another set of cuts (the same amount as the first time) Use a 75mm long tape to cover the grid cut and press on the tape to adhere.

After adhering the tape on the test specimen, remove the tape within 5 minutes in a 60° angle.

Classification Table



After removing the tape from the test specimen, the operator is to evaluate the adhesion of coated film by looking at the classification table. There are 6 levels and the operator is to find which level the test specimen fits.