

Test Method: EN388,EN ISO20344

RESOTECH CUT RESISTANCE TESTER

MODEL NO. RESOTECH SCH-034



Circular blade Cut resistance tester also called coupe test machine is to determine the cut resistance of protective equipment such as gloves, footwear and other products. By providing certain loading pressure and reciprocating movement, cut resistance tester can simulate the real using conditions and predict the operational performance of the specimen.

This machine measures the cut resistance of a material. A test sample is clamped in an easily removed holder. The holder is then placed onto the machine. The circular blade is gently lowered so that it touches the test sample. With the counter set to zero the 'Start Test' button is pressed to initialize the test. When the rotating blade penetrates the test sample the machine will automatically stop. The number of cycles displayed on the counter screen is used to produce the cut index which is a measure of the material's cut. Specimens are cut by a counter blade, which moves with an alternating motion.

Principle:

A rotating circular blade cutting near placed in special sample device, blade move under the provision of load , automatic number, it will automatic stop when the test end, contrast before and after the test, and then can get test results.

Feature

- LCD / LED control and setting panel.
- Safety shield provides safer operating condition.
- Preset testing cycles with automatic stop make tests easier.
- High quality motor provides lower running sound and longer service life.

SPECIFICATION

Model No.	RESOTECH SCH-34
Horizontal travel:	50mm
Weight on blade:	5±0.05N
Cutting speed:	10cm/s
Diameter of round blade:	45±0.5mm
Sharp scissors(accessories)	For cutting sample-1pc
Cutting angle:	30~35 degree
Hardness of blade:	740~800HV tungsten steel
Specimen size:	100x80mm, 5pcs can be tested
Counter:	LED, 6 digits
Machine size:	550×450×300mm(L×W×H)
Weight:	60kg
Power supply:	AC220V, 50/60Hz, single phase
Test standard	EN388.6.2, ISO20344.6.1