

Scratch Resistance Tester for Coatings and Materials

This scratch tester evaluates the scratch, shear, and engraving properties of rigid materials, coatings, and soft metals. It is used to assess the resistance of materials like plastics and glass to scratches and planing.



Product Overview

Precision Scratch Resistance Evaluation

This professional-grade scratch resistance tester is designed for high-accuracy evaluation of shear and scratch performance in various coatings and materials. Featuring adjustable load and rotation parameters, the instrument ensures controlled and repeatable testing compliant with numerous international standards. It is an ideal solution for quality control and research applications in industries such as automotive, furniture, and materials science.

Technical Specifications

Maximum Test Pressure

5 N

Max Pressure

Specimen Rotation Speed	5 r/min
Test Force Accuracy	± 2%
Total Load Adjustment Range	1000 g

Sample Handling

Specimen Size Capacity	190 ~ 1100mm
Sample Thickness	1/2 inch to 4 inches

Compliance & Certifications

Supported Standards	GB/T17657-1999, ISO 4586-2, JIS K6902, ASTM C217, DIN 68 861-4, UNI 9428, AS/NZS AS2924.2
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