

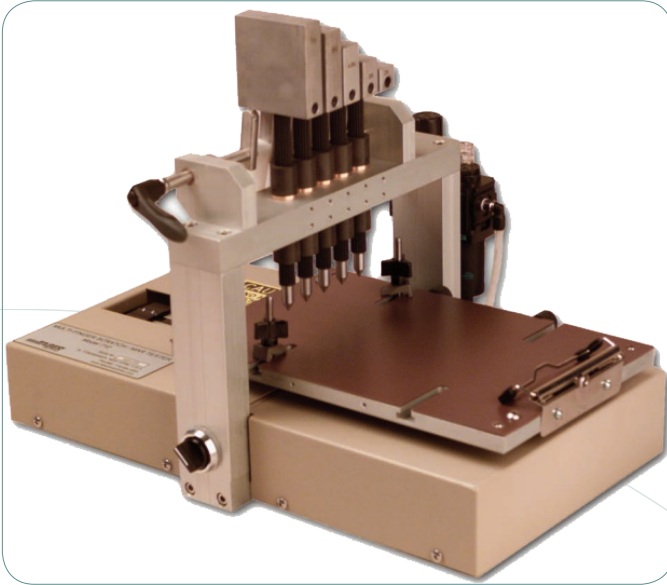


rycobelgroup

Proven quality

RYC-D-05-10-Multi-Finger

MULTI-FINGER SCRATCH/MAR TESTER



Precision instrument measures damage to surfaces not classified as ordinary wear.

Using precision tungsten carbide tips, the Taber Multi-Finger Scratch/Mar Tester is used to measure the susceptibility of material surfaces to scratching, marring, gouging, and other similar physical damage not classified as ordinary wear.

Design based on five-finger scratching device described in automotive specifications.

Specimens are secured to a pneumatically driven platform. Five independent spline-shaft fingers with varying weights exert a constant, vertical load on the test specimen as it travels under interchangeable scratch tips. Spline-shaft fingers are mounted on a rigid gantry platform. Support rests allow the operator to secure individual shafts in a rest position, permitting the testing of nonstandard width samples.

Test a wide range of products.

The 'five-finger' scratch tester has been popular in the automotive industry for testing smooth or grained plastics commonly used in ornamentation or trim. Useful for quality control as well as material or product development, the Multi-Finger Scratch / Mar Tester is ideal for evaluating plastics, rigid organic materials, paints and coatings, soft metals, linoleum, plus many others.

Standard Features:

- Pneumatically driven, moveable platform
- Control knob operation
- Five independent spline-shaft fingers with support rest
- 9-piece weight set (2N, 3N, 4.5N, 5N, 6N, 7N, 10N, 15N, 20N)
- "Gripping" spring clamp specimen hold-down
- Replaceable specimen platform protective guard
- Electronic timer accurate to 1/100 second
- Air regulator control with built-in lubricator

Interchangeable Tools:

- 1.0 mm Tungsten Carbide Ball Scratch Tip
- 7.0 mm Tungsten Carbide Ball Mar Tip
- Conical Scratch Tips (sold separately)
- Diamond Tool Holder (sold separately)

Accessory Weight Options:

- Precision weight kit (to obtain 0.6N)
- Weight set (includes 8N, 13N, 18N)
- Weight, 25N

