![rycobelgroup logo]

Measure Improve Service

SHEAR/SCRATCH TESTER SURFACE FINISH TESTING

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

Using interchangeable tools, the Taber Shear / Scratch Tester is used to measure the susceptibility of material surfaces to scratching, marring, shearing, gouging, scraping, engraving and other similar physical damage not classified as ordinary wear.

Established tester can be used in diverse applications.

Useful in quality control as well as materials and product development, the applications are divers. The Shear/Scratch Tester is ideal for evaluating adhesive qualities of surface coatings, detecting the lack of homogeneity in comparative materials, rating similar or competitive materials, or analyzing the effects of age under controlled environmenteal conditions.

Test a wide range of products.

Precision, calibrated weights provide a flexible testing range for a variety of products. The Shear / Scratch Tester can test rigid organic materials, adhesive coatings, paints, powder coatings, anodized materials, soft metals, synthetics, linoleum, laminates, plastics, glass and many others.

Available in two models

- **Model 550 – 115V, 60Hz**
  - Turntable speed 0.5 rpm
  - Conical diamond tool with 90°, 3 mil radius point
- **Model 551 – 230V, 50Hz**
  - Turntable speed 5 rpm
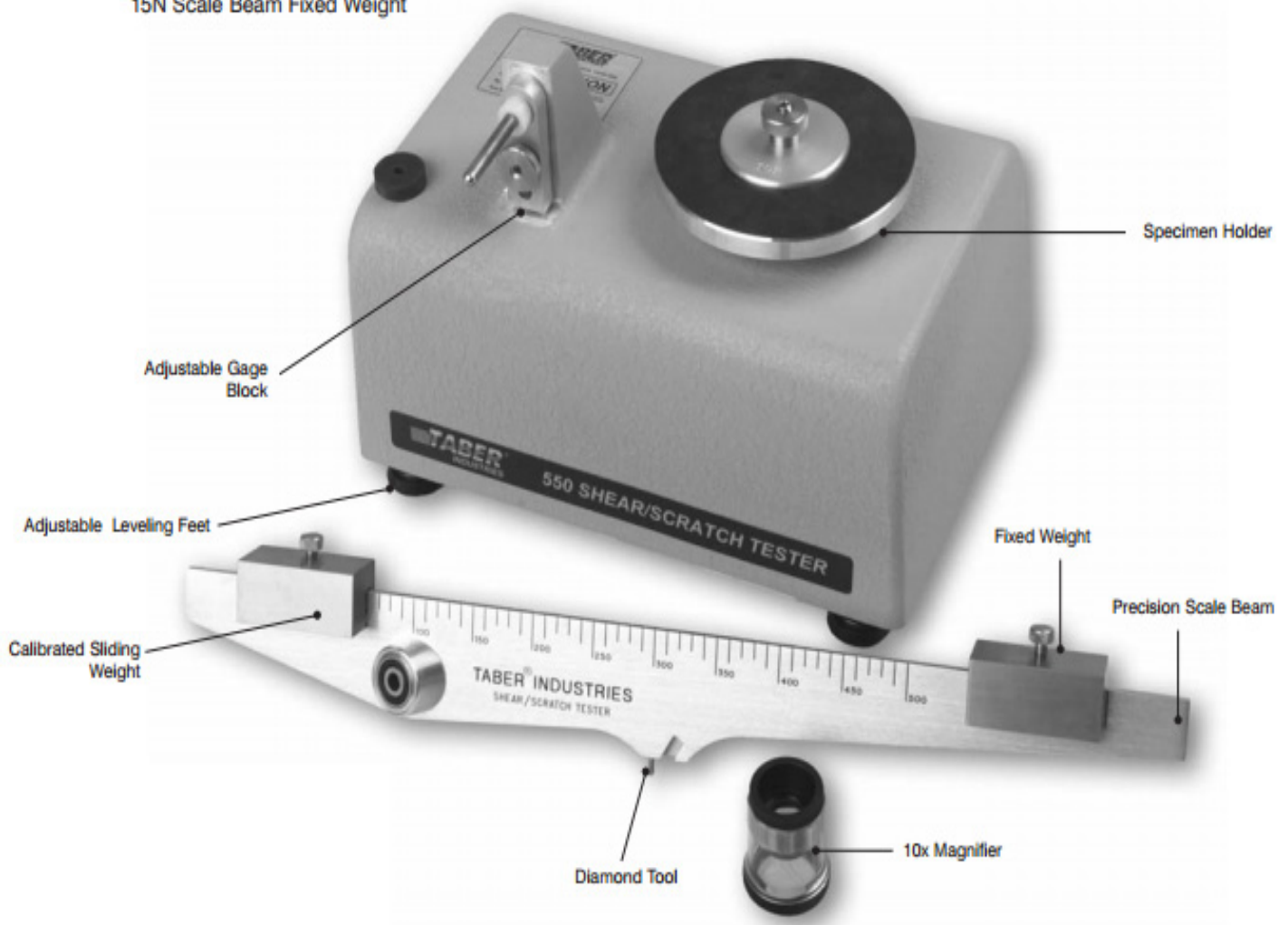 - Conical diamond tool with 90°, 3.5 mil radius point

Standard features

- Constant speed motor
- Balanced, calibrated scale beam
- Variable load from 0 – 1000 grams
- Adjustable gage block tests up to 1 /2"(12.5mm) thick specimens
- Soft touch ON/OFF switch
- Interchangeable tools

Optional Accessories (sold separately):

- Contour Shear Tool (Honda and Toyota requirements)
- Diamond Scratch Tool (converging point 3 sides of cube)
- Scratch Tip, 1.0 mm diameter hemisphere
- Diamond Standardization Plates
- Scale Beam Height Extension Kit
- 15N Scale Beam Fixed Weight

Scale Beam Height Extension Kit
15N Scale Beam Fixed Weight

Specimen Holder

Adjustable Gage Block

Adjustable Leveling Feet

Calibrated Sliding Weight

Fixed Weight

Precision Scale Beam

Diamond Tool

10x Magnifier

rycobel**group**

Measure   Improve   Service