Reciprocating Abraser 5900



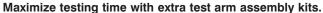
Wear and Scratch Testing

Unique design ensures simple instrument set-up.

Test specimens are mounted to a sliding platform that moves in a horizontal, reciprocating motion under a stationary tool holder. A counterweight enables the operator to balance the test arm prior to applying the test load, thus ensuring the exact load will be applied. An adjustable gantry allows the test system to be positioned according to the height of the specimen. Test parameters such as stroke length, speed, and load are adjustable.



Incorporated at the end of the test arm is a tool holder to which optional attachments and weights are secured. Ideal for flat surfaces, the Taber Reciprocating Abraser can be configured to evaluate the susceptibility of a material surface to abrasion, scratch, scrape, rub, plus many other physical properties. With optional accessories based on GM test methods, this apparatus will also test the abrasion resistance of textile specimens using various friction media.



Using additional test arm kits (sold separately), the Taber Reciprocating Abraser can test up to three specimens simultaneously to increase technician output or compare different product formulations at the same time.









Reciprocating Abraser 5900

Wear and Scratch Testing

Standard Features:

Adjustable stroke length (6 mm to 155 mm)

Variable stroke speed (3 − 75 cycles per minute)

Test load (1N − 24N with optional weight discs)

Variable height adjustment (130 mm maximum)

Wearaser® Collet for vitrified or resilient Wearasers

Counterweight balanced

Programmable up to 999,999 cycles

115V/230V switchable € €

Optional Accessories (sold separately):

Additional Testing Arm Kit
Wide selection of abradants:
Calibrase® CS-8, CS-10F, CS-10, CS-17
Calibrade® H-10, H-18, H-22, H-38
Scratch Tips (various configurations)
Multi-Mar Scratch Attachment (45° or 90°)
Universal Attachment

Testing Arm Assembly (1 set) Weight Set, 6 Piece (1N, 2N, 2.5N, 5N, 10N, 24N) Stainless Steel Wearaser Collet CS-10 Wearasers (pkg. 10) H-18 Wearasers (pkg. 5) Wearaser Depth Gauge Tool S-14 Refacing Strips (pkg. 50) Specimen Clamp (set of 2)

Reciprocating Abraser Includes:

Hex L-Key (set of 6)

Hand Brush

Height Adjustment Clamp ScotchBrite® Abrasive Pad Kit Pencil Hardness Scratch Kit Tool Holder/ Weight Support Jumbo Wearaser Collet Test Arm Scratch Claw Kit **GM Abrading Accessories** Wearaser Collet Specimen Table Counterweight Magnetic Tool Holder Membrane Keypad TABER Specimen Clamps Send us your material for a product demonstration Accessory Weights



455 Bryant Street North Tonawanda, New York 14120 USA For more information: Call 1.800.333.5300 (U.S.) or 716.694.4000 (outside U.S.) Fax 716.694.1450 Email us at sales@taberindustries.com Visit us at www.taberindustries.com