

Elcometer 5750 Taber® Linear Abraser

Can be used in accordance with:
 AATCC Method 8, ASTM D 2197, ASTM D 5178,
 ASTM D 6279, ASTM F1319, ISO 105-X12, JIS L 0849



Using a free floating head to follow the contours of the sample, the Taber® 5750 is the ideal abrasion tester for flat or curved surfaces. It may also be used as a scratch tool, using the scratch kit accessory.

Abrasion media, length of stroke, load and speed of stroke can all be user defined to meet specific requirements.

The Linear Abraser uses a range of Wearasers®. The size and shape of a pencil eraser, the Wearasers® uses the same high quality Taber® abrasive media as used on the Taber® Rotary Abrasers, simulating real-life wear conditions.

Features

- Stroke lengths of 12.7, 25, 76 and 102mm
- Variable stroke speed from 2 - 75 cycles per minute
- Preset stroke speed buttons for 2, 15, 25, 30, 40 and 60 cycles per minute
- Variable load from 350 - 2100g (12.4 - 74.1oz) with optional weights
- Stainless steel Wearasers® holder (Collet) for use with vitrified or resilient Wearasers®
- Laser alignment guide

Technical Specification

| Part Number | Description |
|-------------|--|
| ST985750 | Elcometer Taber® 5750 Linear Abraser (230V 50Hz) |
| Dimensions | 208 x 228 x 279mm |
| Weight | 10kg |

Packing List

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|--------------------------------------|
| Elcometer Taber® 5750 Linear Abraser |
| Wearasers® Collet and Spine Shaft |
| 3 x 250g Discs |
| 10 x CS-10 Wearasers |
| 5 x H-18 Wearasers |
| Power Cords (230V) |
| Allen Key |
| Wearasers® Depth Tool Gauge |
| 50 x S-14 Refacing Strips |
| Hand Brush |
| Operating Instructions |



Accessories

| | |
|------------|---|
| ST131852 | Wearasers® Holder (collet) Kit - Aluminium |
| ST131852-1 | Wearasers® Holder (collet) Kit - Plastic |
| ST130575 | Scratch Kit - Stainless Steel (includes conical diamond tool - 3mil and x7 measuring magnifier) |
| ST131604 | ISO Scratch Kit - Aluminium (includes conical diamond tool - 3.5mil and x7 measuring magnifier) |
| ST121006 | Conical Diamond Tool with 90°, 76.2µm Radius Point (for use with Scratch kit) |
| ST121006-1 | Conical Diamond Tool with 90°, 88.9µm Radius Point (for use with Scratch kit) |
| ST131716-1 | Coin Holder Attachment 45° (for use with Scratch Kit) |
| ST131716-2 | Coin Holder Attachment 60° (for use with Scratch Kit) |
| ST131716-3 | Coin Holder Attachment 75° (for use with Scratch Kit) |
| ST130570 | Crockmeter Kit* |

*Crockmeter kit includes finger, clamp ring and cloths

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| Part Number | Description | Abrasive Action | Composition |
|-------------|--|-----------------|-------------------------|
| ST130684 | CS-10F Resilient Wearaser® (pack of 10) | Very Mild | Rubber & Abrasive Grain |
| ST130685 | CS-10 Resilient Wearaser® (pack of 10) | Mild | Rubber & Abrasive Grain |
| ST130686 | CS-17 Resilient Wearaser® (pack of 10) | Harsh | Rubber & Abrasive Grain |
| ST130681 | H-18 Non-resilient Wearaser® (pack of 5) | Medium, Coarse | Vitrified Clay |
| ST130682 | H-22 Non-resilient Wearaser® (pack of 5) | Very Coarse | Vitrified Clay |

