



ABREX® | ACCESSORIES

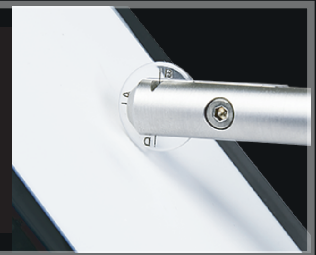


Dynamic Fingernail Test Module-Industrial

Simulation of typical scratch tests with industrial tips. Supplied with both 45° & 90° sample fixing modules.

Dynamic Fingernail Test Module - Automotive

Simulation of typical scratch and mar tests with human fingernail (PMMA) at different speeds. Supplied with 45° sample fixture. Test acc. to BMW GS97034-2.

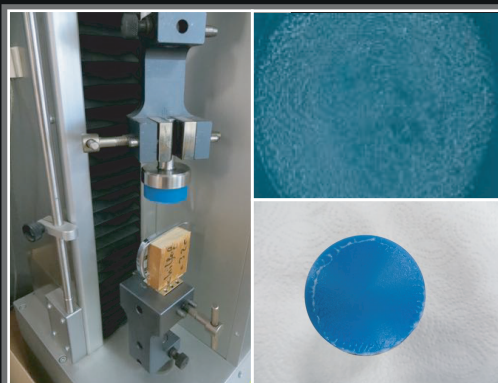


Dynamic Fingernail Test Module Automotive (Shoe Sole Test)

Simulation of abrasion between shoe sole and the auto trim with high speeds acc. to BMW GS 97034-3.

Shoe Sole Abrasion Test-General

Simulation of the general abrasion for floor, carpet, ceramics.



Fingerprint Test

Generation of a standardized fingerprint on the surface (eg. touch screen, glossy piano paint) to evaluate the soiling affinity behavior of the surface; then a cleanability test on ABREX® to check how easily the fingerprint on the surface can be removed.



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Steering Wheel Abrasion Test

A complete car or truck steering wheel mounting on ABREX® for the simulation of ABREX®-abrasion and other scratch tests without cutting the lab samples. The steering wheel can be any size from automotive, trucks and omnibuses.

Steering Wheel Abrasion Test with Wear Analysis

ABREX®-abrasion tests on steering wheels followed by the measurement of the abrasion rate and surface roughness, topography, structure and visual impression in a mobile fast fashion.



Banknote Durability Test

A specially designed sample mounting adapter with a certain curvature enables the simulation of ABREX®-abrasion and other tests directly on a banknote.

Teeth Abrasion Test

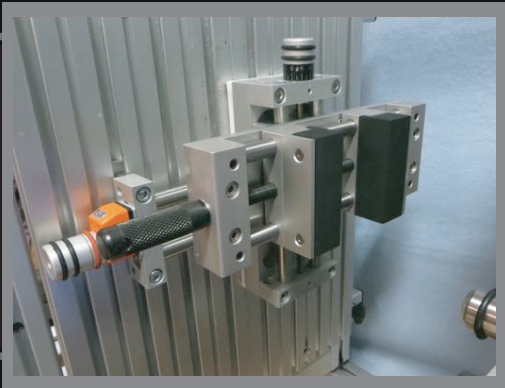
A specially designed adapter to simulate the tooth abrasion for testing the durability of tooth replacement materials. The materials of abrasion counterpart can be customized.





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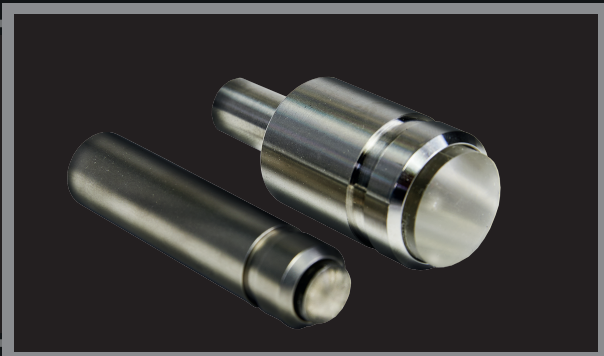
HARDWARE OPTIONS



X-Y Sample Moving Frame

For easy and accurate moving and positioning of the sample

PISTON/STAMP OPTIONS



Supply of standard piston/stamp with the diameter of 10mm, 20mm and 30mm. Additionally, different piston/stamp will be especially made for different temperature ranges depending on the model of

ABREX®

| | | |
|------------------------------|-----------------------|------------------------|
| 0°C to 30°C (transparent) | 30°C to 85°C (red) | -40°C to 0°C (blue) |
|------------------------------|-----------------------|------------------------|

WEIGHT OPTIONS



Supply of standard weight to run acc. to various standards and specifications:

- 1N
- 1.5N
- 2N
- 3N
- 3.5N
- 4N
- 5N
- 6N
- 8N
- 10N
- 15N
- 20N
- 30N