













Overview

- Abrasion
 - Rotary abraser
 - Linear abraser
- Shear/Scratch
- Stiffness tester
- TaberWear 1.0







- Rotary Abraser
 - `THE' worldstandard for abrasion
 - Flat samples (30 cm²) mounted on turnable sample-table
 - Abrasion by rotation of two abrasive wheels









Technical specifications - Options

- Rotary Abraser
 - Auxiliary weights1000 of 500 grams
 - Different types of abrasive wheels (from STOCK!)
 - Sandpaper strips (hot item!) + CS-0 wheels for laminate/wood
 - Supplied with vacuum unit
 - Quiet cabinet optional
 - Grit feeder









Technical specifications - Options

- Rotary Abraser
 - Multimedia abraser
 - Diamond wheel refacer









Standards

Rotary Abraser

- ASTM C501-84, D1044-94, D3389-94, D3884-92, D4060-95, D4158-92, F362-91, F510-93, F1478-95
- DIN 52 347, 53 109, 53 754, 53 799, 68 861T2
- ISO 4586-2:1997, 3537, 5470, 7784-2:1997, 9352:95
- NF B51-282, T30-015, T54-351
- SAE J365, J948
- TAPPI T476
- others --> ask us







- Linear Abraser
 - Same principle as for rotary abraser
 - Also not flat samples, any size or shape
 - Free floating head
 - Adjustable :
 - stroke length
 - speed
 - load









- · Linear Abraser
 - Changeable head:
 - Wearaser head (CS-10 & H-18 standard)
 - Universal attachment for custom abradant material
 - Diamond scratch tool
 - Crock finger tool









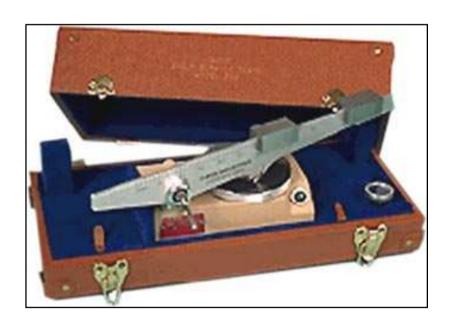
- Options:
 - Sample table
 - Scratch kit
 - Crock Meter kit
 - Universal kit







- · Shear/Scratch tester
 - Resistance of sample to shear and scratch
 - Flat samples
 - Motorised
 - Different shear or scratch tools :
 - Contour shear
 - Fingernail shear
 - Conical Diamond
 - Cube Diamond









- Shear/Scratch tester
 - Precision cutting
 - Balanced, calibrated beam
 - Constant speed









- Shear/Scratch tester
 - Options:
 - Fingernail shear tool
 - Diamond scratch tool







- Stiffness tester
 - Determines :
 - Initial stiffness: first reading when flexing to endpoint
 - Basic stiffness: loss of stiffness when specimen is held at end-point
 - Resilience: ratio of basic to initial stiffness
 - Taber units can be converted to Gurley units or mN meters









- Stiffness tester
 - Options:
 - Triple cut specimen shear
 - High sensitivity attachment
 - Wire/Tube testing kit
 - Auxiliary range weight set (3000-5000 Taber units)

