



Taber

Overview

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

Principle

- 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 weights
1000 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, 68 861 T2
 - 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

Principle

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



Technical specifications

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



Technical specifications

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

Principle

- 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



Technical specifications

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



Technical specifications

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

Principle

- 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



Technical specifications

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

