

SODEMAT[®]

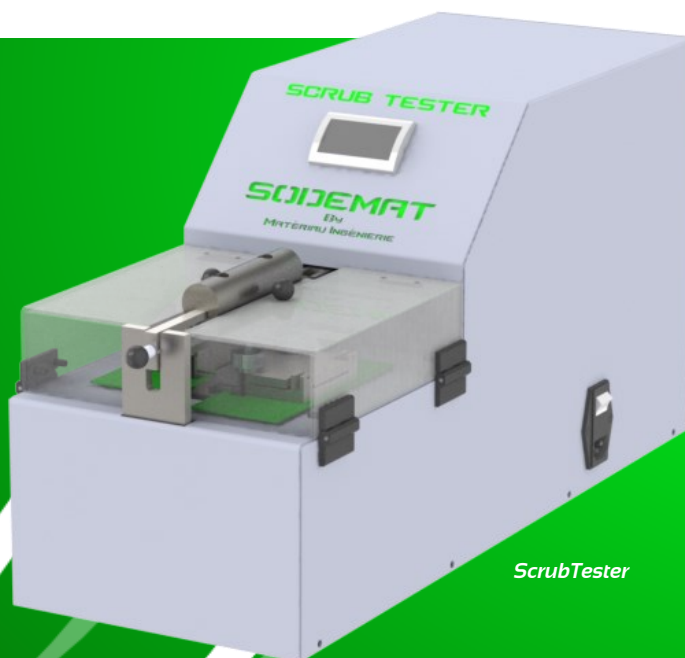
Activity of **MATÉRIAU** **INGÉNIERIE**



SCRUBTESTER

DETERMINATION OF RESISTANCE
TO COMBINED SHEAR FLEXING AND RUBBING

Commercial reference: S044



ScrubTester

Type of tests:
Resistance

Type de materials:
Technical textiles

Standard:
ISO 5981
NF G37-110
PSA D42 1007

INTRODUCTION

The ScrubTester is intended for crumple behavior testing of all textile substrates coated with rubber or plastic.

It can thus, for example, evaluate the strength of a material (such as leather) with repeated flexing.

This device therefore finds an application for numerous tests, and in particular in the automobile sector ■

FIELD OF APPLICATION

Technical textiles

The ScrubTester according to the ISO 5981 standard makes it possible to carry out tests according to method A (with application of the pressing pad) and according to method B (without application of load) ■

PRINCIPLE

The crumple test is performed on coated fabrics with rubber or plastic conducting standardized tests under conditions given by the ISO 5981 standard.

It consists of a succession of frictions and wrinkles produced on a test piece taken in 2 parallel fixings performing an alternating friction in a defined working plane. The test is carried out under specified loads at a specified speed and number of cycles.

The extent of the degradation is then assessed either by assessing the total degradation or by comparison with a reference tissue having been subjected to the same test ■

DESCRIPTION

The ScrubTester is a crumpling machine comprising two parallel jaws reciprocated in a reverse direction in a direction perpendicular to that of their axes of symmetry while a pad bears on the floating part of the test piece subjected to crumpling and undergoing a load of 5 N or 10 N.

Key points:

- ◆ Ease of use
- ◆ Multi-tasking management screen, including speed control and parameterization (guaranteed compatibility with many standards and methods)



- ◆ Carrying out tests on all types of flexible materials (leather, fabric, coatings, air bag fabric, etc.)
- ◆ Includes 5 N press pad
- ◆ Quick and easy maintenance ■

OPTIONS

Additional mass

510 g. - 5 N
Ref.: SO44-03

Rubbing pad for thick materials

Includes shims
Width 10 mm - 5 N
Ref.: SO44-01

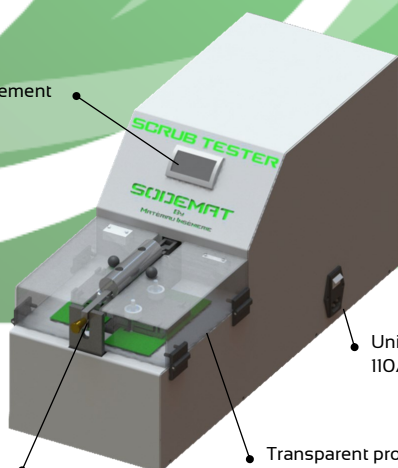
Main Characteristics*

Weight:	32.6 kg
Dimension (Lxdxh):	235x635x350 mm
Power supply:	110, 230V
	50, 60 Hz
Power:	400 W
Sample dimensions:	100x50 mm
Standard rubber pad	
- Width:	11.5 mm
- Applied weight:	5 N
Speed:	99 - 201 cycles/min.
Cycle counting:	20 - 32600

DELIVERED ACCESSORIES

- Cutting template
- Power cord IEC
- Calibration certificate
- User manual
- CE certificate ■

HMI test management



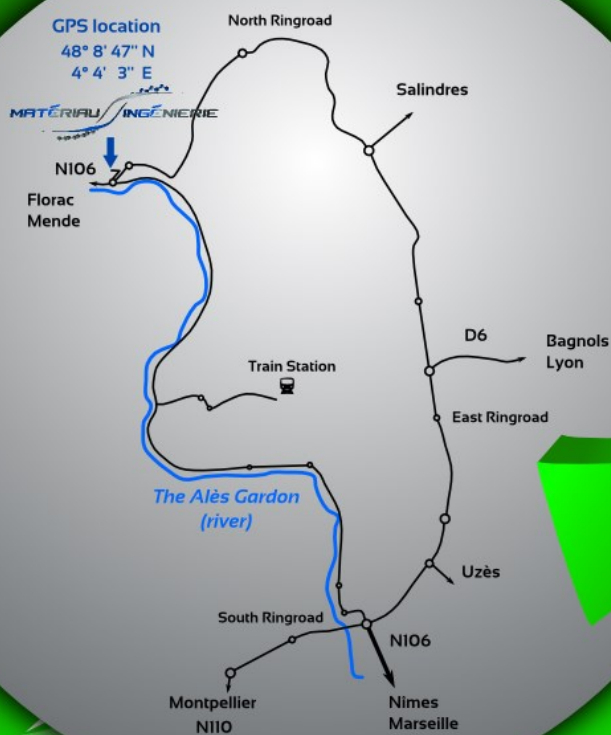
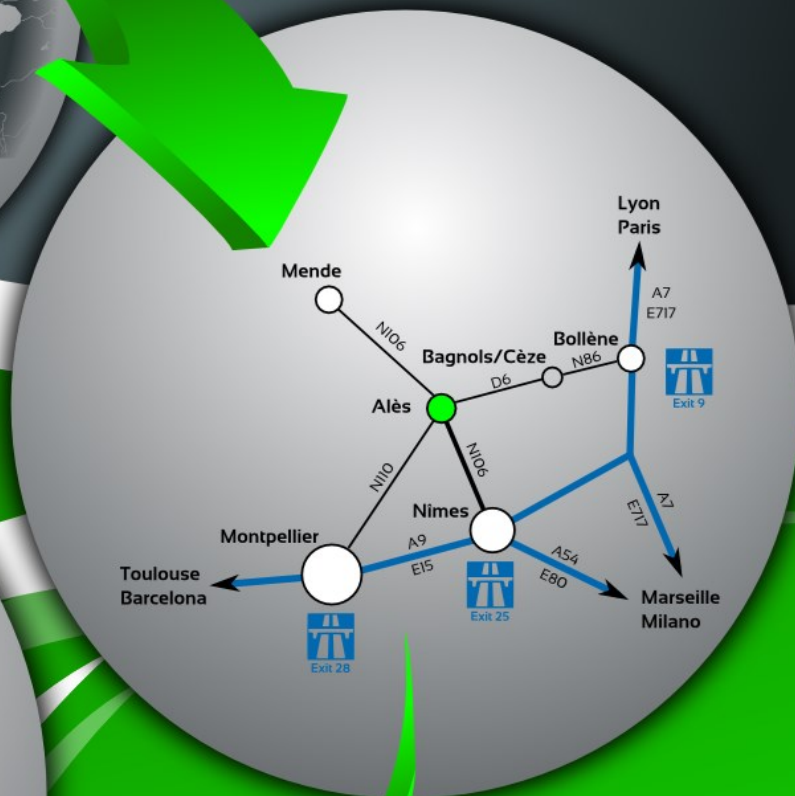
Additional pad

Transparent protective cover with opening detection

Universal power supply:
110/230 V, 50/60 Hz

* Features for information only, we reserve the right to change freely in order to improve the performance of our test unit.

OUR CONTACT



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