

OUR BUSINESS SECTORS:

- MEASURING AND AGEING MACHINES
- ASSEMBLY AND MACHINING EQUIPMENT
- SUBCONTRACTING
- AUTOMATION UNITS

Traction-Torsion

WATCHSTRAP AGEING WITH TORQUE MEASURE



Watch video of the
product on the Internet



Traction-Torsion

Equipment

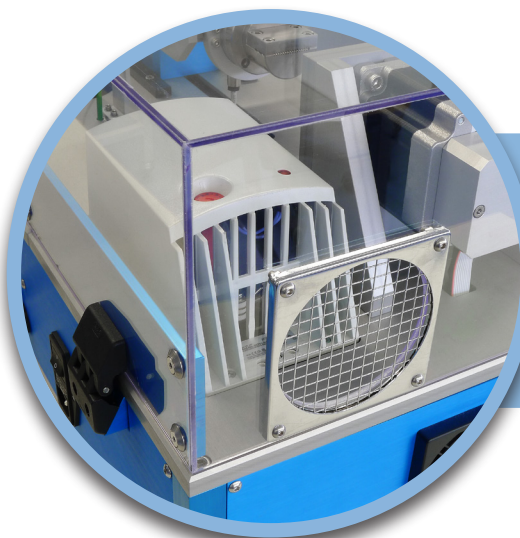
- This device enables the accelerated ageing of watchstrap with or without watch head. Cycles are composed of traction, compression, torsion, alone or combined. Equipment is run with a special software that allows the user to create its own testing cycles.

Standard supports

- With the series of available supports, several applications are possible. The support pack includes: simulation of leather/rubber watchstrap wearing (tongue buckle), simulation of steel watchstrap wearing (folding buckle), tightening pliers for samples, and a set support/pliers.

Rupture detection

- In case of rupture of the aged element, the device detects it and puts an end to the ageing cycle. The user can know the rupture value.



Ajustable temperature

With its integrated heating system, it is possible to adjust the temperature of the area in order to make accelerated ageing in conditions as close as possible to reality.

Variantes

- 1 head version: ageing on one component
- 3 heads version: ageing on one up to 3 components independently or simultaneously

Force

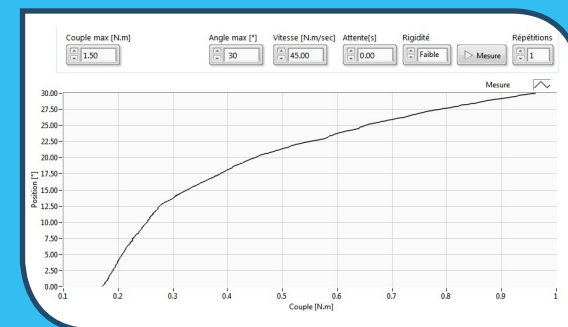
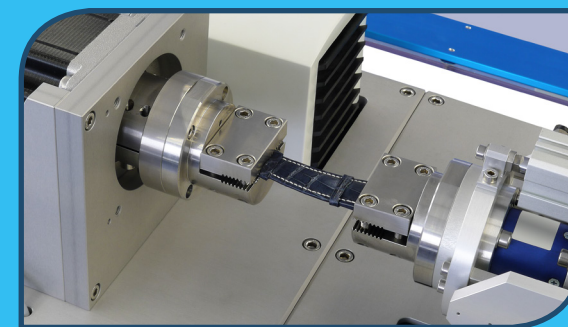
- Traction and compression are applied with a pneumatic cylinder. A regulation of the applied pressure allows to precisely constrain the element to age.

Torque and measure

- Torsion is made by a motor. During the test, a sensor enables to record the torque value according to angle.

Two possible operational modes:

- by angle: torsion defined by angular values, and following of torque evolution according to angle.
- by torque: torsion defined by a torque (Nm), and following of angle evolution according to torque.



Technical data

	1 head version	3 heads version
Maximum force in traction	200 N (high-force version: 750 N)	
Maximum force in compression	250 N (high-force version: 850 N)	
Maximum torque	2 N.m (high-force version: 4 Nm)	
Angle of rotation	± 360°	
Temperature of the area	from room temperature to 55°C	
Interface	external PC	
Connection	230 V - 100 W	230 V - 100 W
Dimensions	750 x 450 x 350 (l x p x h)	750 x 650 x 330 (l x p x h)
Weight	32 kg	75 kg