VICO SERVO SPIN

Rotation and traction-compression aging process test bench

Inspection of the functions of watch movements

SWISS MADE ✖

+ Total aging process

+ Configurable cycles

+ Measurement and inspection of the force and torque during cycle

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▶ **MECHANICAL AGING PROCESS**   ▷ **Special machinery**

▷ **Inspection equipement**   ▷ **Watchmakers tools**

VICO SERVO SPIN

ROTATION AND TRACTION-COMPRESSION AGING PROCESS TEST BENCH

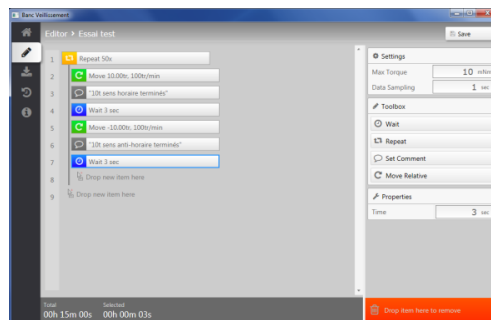**THE INDUSTRIAL SOLUTION FOR ACCELERATED AGING PROCESS**

SIMULATION OF THE FOLLOWING CLOCK FUNCTIONS :
+ **START/STOP chronograph**
+ **Perpetual calendar corrective**
+ **GMT corrective**
+ **Notching for shaft and crown**
+ **Winding and unwinding**
+ **Date corrective**
+ **Time setting**
+ **Springs**
+ **Click springs**
+ **Crown seal**

System allowing to perform every accelerated aging process test based on rotation, traction or compression of a part (shaft, crown, button…)

Configurable and independant motorised stations, Servo Spin software :
+ 10 linear axis
+ 5 rotating axis
+ 5 rotating bases
+ Position, speed, acceleration and deceleration monitoring
+ Communication with a web browser, no software to install (compatible Windows, MacOS and Linux)

Servo Spin software :
 - User-friendly and flexible cycles creation
- Data acquisition in .txt format

SPECIFICATIONS:

+ **Max force: 60N**
+ **Rated torque: 30 mNm**
+ **Angulaire orientation: 360°**
+ **Stroke: 30 mm**
+ **Rotary speed: 0.1-600 tr .min-1**
+ **Communication: Web browser**

This interface allows to notice **torque variations** and **store the data** (speed, acceleration, torque) measured during the experiment, and to **export** it.

An **integrated software** allows this machine to work independantly and removes all disruption tied to updates and shutdowns of a personal computer.

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