



# WATCH WINDING

## Multipositions torque measurement

### Contrôle de couple sur calottes horlogères



#### + Torque control at the rod

- > Manual arming
- > Correction of the quantum
- > Time setting

#### + Configurable control cycles

- > Position (number of turns)
- > Speed (tr.min-1)
- > Adjustable torque thresholds ( MIN and MAX)

#### + Data acquisition

- > Binary results (OK/KO)
- > Torque max, min, average (mNm)
- > Delta of the Couple (mNm ou % of the average torque)

#### + Customer interface software ERP

#### + Quick to install



► Inspection equipment

► Special machinery

► Aging process

► Watchmakers tools

# WATCH WINDING

## MULTIPOSITIONS TORQUE TEST BENCH



### Wreath rotation

A compliance system drives the movement rod without exerting any parasitic forces.



### Traction and pression of the wreath

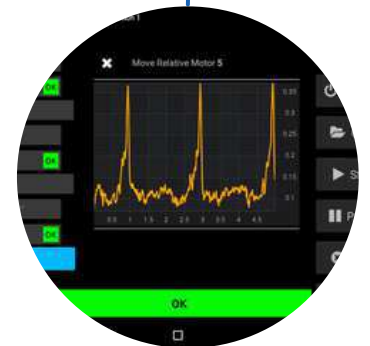
A linear axis allows the wreath to be moved to several positions and to control the forces drive during the cycle.



### Ergonomic

A multi-position carousel allows the user to easily position the products to be tested.

Barcode scanning connected to ERP and loading of dedicated programs.



### Intuitive Software

A user-friendly interface gives a binary result (OK / KO) for each position and allows to export the different measurements (min, max, average, torque) to the client ERP.

