FRICTIOLAB

Easy, intuitive micro-torque measurement

Modular micro-torque measurement

SWISS MADE

+ Control different types of micro-torque
+ Fast and easy control solution
+ Flexible, configurable measurement cycles
+ Torque and position control cycles

INNOVATIVE SOLUTIONS
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- INSPECTION EQUIPMENT
- Special machinery
- Aging process
- Watchmaking tools

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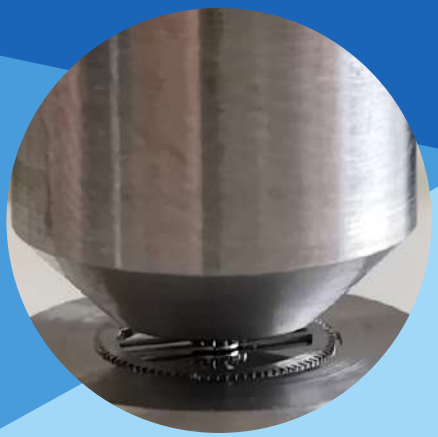
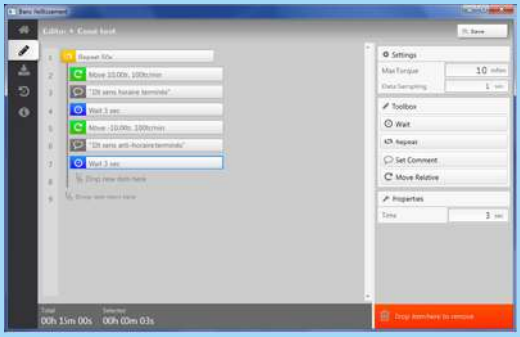
FRICTIOLAB

SIMPLE AND INTUITVE MICRO-TORQUE MEASUREMENT



Modular apparatus
ensuring simple use for measuring
and control micro-torque



Flexible and user-friendly software

Interchangeable fitting system for
quick series change

Adjustment for perfect coaxiality of the
fitting in front of the driving axis

Static torque sensor

Rates		Precision
100 mNm	10'000 g.mm	< 0.1 % (100 µNm - 10 g.mm)
50 mNm	5000 g.mm	< 0.1 % (50 µNm - 5 g.mm)
20 mNm	2000 g.mm	< 0.1 % (20 µNm - 2 g.mm)
5 mNm	500 g.mm	< 0.1 % (5 µNm - 0.5 g.mm)

Specifications

> Touch screen for fast measurement data acquisition

> Configurable recording of various measurement data

> Exportable data in .txt format (min, max, average, delta torque)

> Min and Max torque setpoints

> Binary result OK / KO

> Motorized measurement cycle with position (number of revolutions) and speed (rpm) parameters

> Flexible, intuitive software allows creation of any type of cycle

> An X/Y precision slide and double goniometer assembly enables rapid adjustment of component and drive axis coaxiality.

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