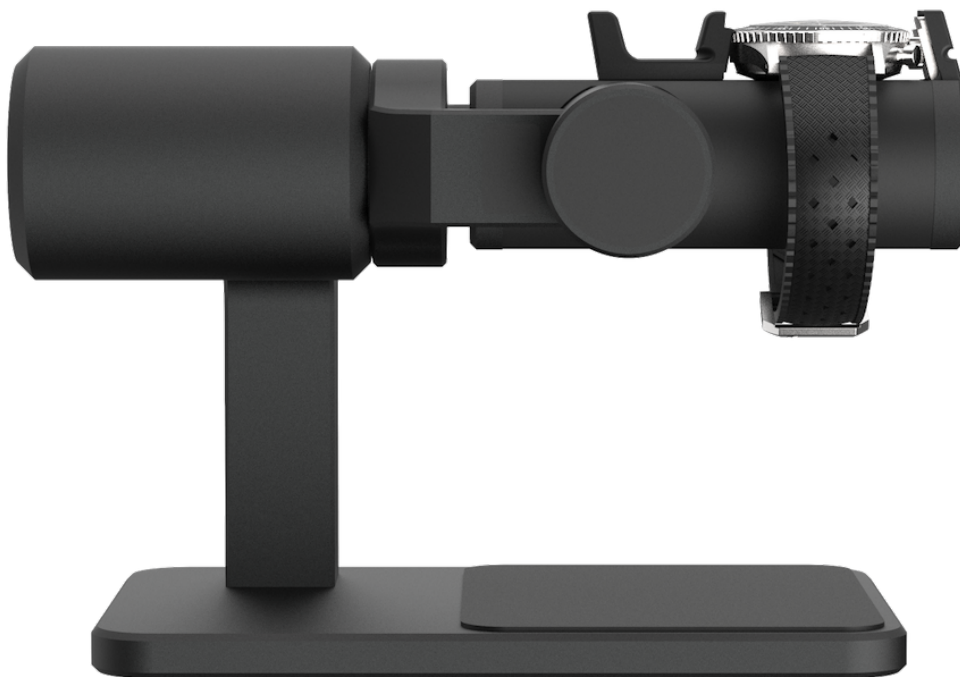


ONEOF® Accuracy Motion

Motorized multi-position acoustic measuring device

The Accuracy Motion is a motorized, multi-position acoustic sensor from our ONEOF® product range, designed specifically for measuring mechanical watches. It is a versatile and innovative instrument, featuring degree-per-degree test positions, infinite measuring time, static or dynamic modes and programmable sequences for efficient measurements. Its SQL-based data management enables easy collection, storage, and analysis of data for further insights and optimization.





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MEASUREMENT

RATE ACCURACY

Range: ± 1000 s/d.
Resolution: 0.1s/d.
Precision: ± 0.1 s/d.

AMPLITUDE

Range: 70 to 360°.
Resolution: 1°.
Precision: ± 1 °.
Lift angle: 10 to 90°.

BEAT ERROR

Range: 0 to 10ms.
Resolution: 0.1ms.
Precision: ± 0.1 ms.

FREQUENCY

Automatic detection of common beating frequencies: 7'200 to 72'000b/h.
Manual entry of any other custom values.
Swiss and co-axial anchor escapements.

PARAMETERS

Integration time: 2s to 240s.
Stabilization time: 0s to 60s.
Measurement time: ∞ .

TECHNOLOGY

PROCESSOR

Audio Class 2 Asynchronous USB with high-frequency TCXO master clock.
Cross-platform USB plug-and-play (Windows, iOS).

FEATURES

Automatic or manual gain control.
Static degree-per-degree positioning: 90°x 360°.
Continuous rotation mode: 1°/s up to 84°/s.
Integrated 3-axis Inertial Measurement Unit.

SOFTWARE

FEATURES

Multi-sensor management for parallel measurements.
Programmable sequences toolkit.
Local/Network/Cloud database for results and parameters.
Export measurement data as PDF and CSV files.

OS REQUIREMENTS

Windows 10, release 1803 and later.
iOS 15 and later.
SQL Server required for Network/Cloud database.

DEVICE

HOUSING

Black anodized aluminum body with soft-touch coatings.
Zero-backlash Harmonic Drives® gearing.
Smart rubber holder for heavy watches.

OTHER

Interface: USB type-C.
USB cable Type-C to Type-A included.
Dimensions: 120mm x 140mm x 170mm (W x H x D).
Weight: 1000g.