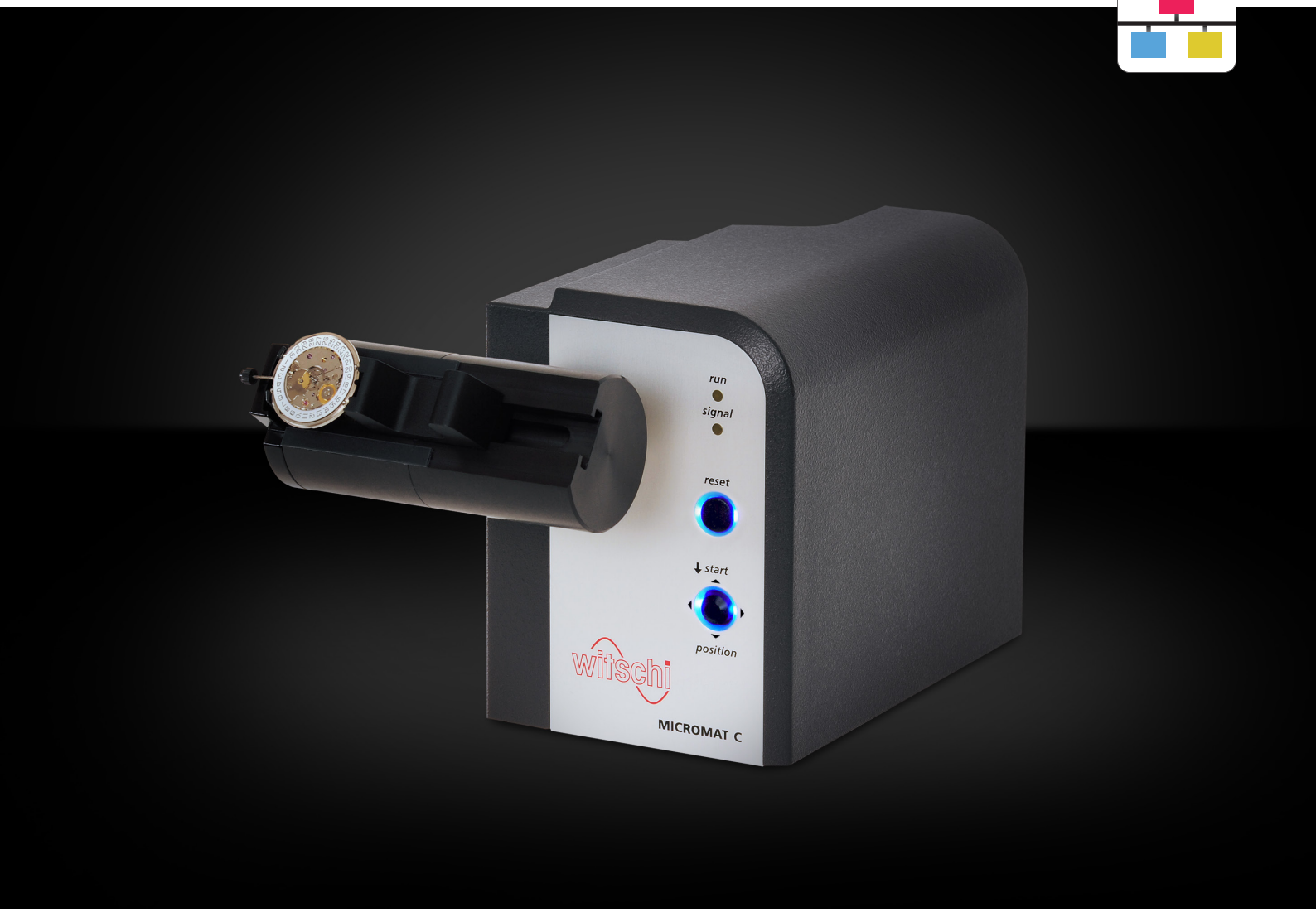
Micromat C



Micromat C, the versatile, automatic microphone
The automated measurement of mechanical watches in the 14 main test positions is both efficient and accurate with the Micromat C. Thanks to the tried and trusted, robust mechanism for the automatic activation of the test positions, it can also work reliably 24/7 in industrial applications. The Micromat C can be connected to any PC via the USB port.

Service or Production - the software decides
Using the two software packages included in the supply, the Micromat C can be adjusted to suit the requirements of the particular application. With the Chronoscope MMC for production, up to 10 devices can be operated simultaneously, whereas Chronoscope Service is optimised for use in a service centre.

Even more efficient thanks to WiCoTRACE
The Micromat can be fully integrated into the central WiCoTRACE test parameter and result management system and has the advantage of a traceable, productive measurement process.

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LEADING SWISS PRODUCTS

Micromat C

Micromat C

- Automatic, acoustic microphone for the measurement of beat noises in mechanical watches
- USB port for easy connection with commercially available PCs
- Automatic measurement in 14 test positions
- Tried and trusted, robust mechanism for use in the toughest operating conditions
- Versatile PC software: Chronoscope Service, Chronoscope MMC and WiCoTRACE 3
- Up to 10 measurement channels per PC
- Control keys on the device
- Headphone socket for listening to the beat noises
- Efficient test parameter and result management thanks to WiCoTRACE

General

Operation	Key and joystick
Display	-
Languages	German, French, English, Spanish, Italian
Interfaces	USB Type A/B (device) Headphone socket (3.5 mm jack plug)
Dimensions	115 x 125 x 220 mm (W x H x D)
Weight	1.7 kg
WiCoTRACE	Yes

Result management

Print-out	PC printer (optional)
Results memory	Yes
Export	Excel, PDF

Measurement

Measurement principle	Acoustic measurement of beat noises
Measurement channels	1
Speed	-1,000 to +1,000 s/d ± 0.1 s/d
Amplitude	80 to 360° ± 1.0°
Beat error	0 to 9.9 ms ± 0.1 ms

Measuring conditions

Stabilisation time	Manual
Amplification control	Automatic or manual (for watches with background noise or unusual beat noises)
Measurement time	2 s to 300 h
Test positions	14
Beat rate	Automatic or manual, 3,600 to 72,000 A/h
Lift angle	Manual, 10 to 90°
Time base	OCXO (± 0.004 s/d)

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