

ChronoMaster® Air



ChronoMaster Air, the handy watch measuring device for the Apple iPad

The reliable ChronoMaster microphone with built-in smart measurement electronics is even simpler and more user-friendly in the Air version and with the iOS app. The ChronoMaster Air paired with an Apple iPad is an indispensable tool for your points of sale.

Completely wireless with Bluetooth and rechargeable battery

The built-in rechargeable battery and Bluetooth connection enable the ChronoMaster Air to be used wirelessly and autonomously for up to 20 hours. It requires only little space and can be placed exactly where you need it without any cables getting in the way.

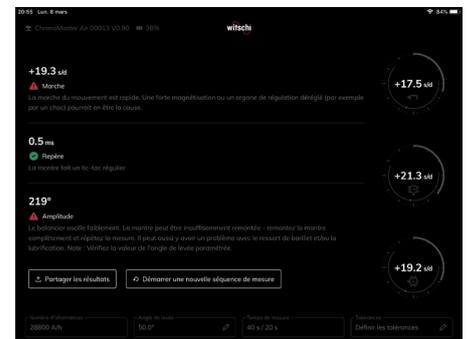
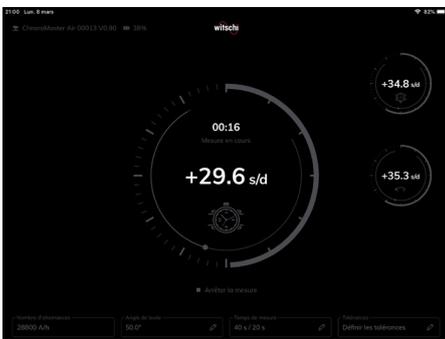
ChronoMaster Air iOS app

The intuitive app is extremely easy to use and you can take measurements without having to enter test parameters. The status of the watch can be viewed immediately on the easy-to-read graphic display. The results can then be given to the customer as a PDF.

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- Compact microphone with integrated measurement electronics for testing mechanical watches
- Wireless thanks to integrated Bluetooth interface and rechargeable battery with up to 20 hours' autonomous operation
- Rechargeable battery easy to charge using USB cable
- Automatic detection of the 6 main test positions
- Precise division of test positions into 45° increments
- Secure mounting, even for large watches
- Intuitive iOS app «ChronoMaster Air» for points of sale
- Share the result with the customer as a PDF via the iPad



General

Operation	iOS app «ChronoMaster Air»
Compatible display devices	Apple iPad Apple iPad PRO
Interfaces	USB type A (dispositif type C) Bluetooth
Dimensions	130 x 110 x 110 mm (W x H x D)
Weight	645 g
Rechargeable batteries	4x NiMH type AAA, replaceable
Battery life	up to 20 hours

Measurement

Measurement principle	Acoustic measurement of beat noises
Rate	-1'000 ... +1'000 ± 0.1 s/d
Amplitude	70 ... 360° ± 1.0°
Beat error	0 ... 9.9 ms ± 0.1 ms

Measuring conditions

Stabilisation time	Manual
Amplification	Automatic
Measurement time	Manual, 2 s to 100 h
Test positions	6
Frequency	Automatic or manual, 3,600 to 72,000 A/h
Lift angle	Manual, 10 to 90°
Time base	TCXO (± 0.086 s/d)
Ambient conditions	Temperature: 10 - 50 °C Relative humidity: max. 80 %