

ProofMaster® CP



The ProofMaster CP – tightness tests made easy!

The ProofMaster CP does not need a compressed air supply thanks to its integrated compressor. Moreover, its smart test programmes, automatic test chamber and sensor actuation that all tightness tests can be carried out without a hitch. The ProofMaster's high-performance testing algorithm delivers high precision and reliability.

A complete testing solution for boutiques and service

Connect your ChronoMaster to the ProofMaster to analyse rate deviation, beat error and amplitude directly on your screen – and with the ChronoMaster Air, the process is wireless too. This enables you to deliver comprehensive watch testing with ease in both your shops and your service centres.

WiCoTRACE

The ProofMaster CP can work as a standalone device or it can be connected directly to a WiCoTRACE database. WiCoTRACE provides additional analysis and export features as well as professional local and central results management.

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- Integrated quiet and high-performance compressor up to 5 bar and -0.5 bar vacuum
- Intuitive user interface with 5-inch touchscreen
- 8 universal testing programmes
- Increased productivity thanks to a fast measurement algorithm
- Completely automatic sensor input and test chamber closure and locking
- ScratchProtect: adjustable watch support for efficient protection against scratches
- Increased measurement robustness with shock and vibration detection
- Display of rate, beat error and amplitude when connected to a ChronoMaster or ChronoMaster Air
- Connect to a barcode scanner to identify the watch
- Direct WiCoTRACE database connection

General

Operation/Display	5 inch colour screen with 800 x 480 pixel resolution and capacitive touch function
Languages	German, French, English, Spanish, Italian
Interfaces	2x USB type A 1x USB type B 1x RJ45 Ethernet Bluetooth (with optional dongle)
Dimensions	149 x 243 x 305 mm (W x H x D)
Weight	6.3 kg
Peripherals (optional)	Thermal printer Barcode reader ChronoMaster ChronoMaster Air
Shock detection	yes
Limit of watch size	Diameter: 70 mm Thickness: 30 mm Width: 85 mm

Measurement

Measurement principle	Analysis of watch case deformation under vacuum and/or pressure and with consideration of the deformation behaviour.
Deformation	Measuring range: -500 ... 1'200 µm Resolution: 0.01 µm

Measuring conditions

Measurement time	Automatic
Pressure levels	up to 2 per test
Vacuum	up to -0.5 bar
Pressure	up to 5 bar
Compressor	integrated
Filling times (typ.)	0 to -0.5 bar: 10s 0 to 1 bar: 15s 0 to 2 bar: 35s 0 to 3 bar: 60s 0 to 5 bar: 150s
Ambient conditions	Temperature: 15 - 35 °C Relative humidity: max. 80 %