# ChronoProof ® PRO

witschi



## reliable, professional and accurate
## ChronoProof® PRO tightness test up to 3 bar

The ChronoProof PRO turns you immediately into a specialist, to execute all types of tightness tests on wristwatches in a reliable way. Just insert the watch, close the chamber and the test cycle starts automatically. New: Individual vacuum and pressure test cycles up to 3 bar can be selected by the user on PC.

Easy to operate, high-precision Witschi measurement technology, elegant design and handy dimensions.

The ChronoProof PRO is the ideal seal testing device for the salesroom and all watch service centres. As the world's first and only seal testing device with an integrated compressor, it is particularly compact and practical in daily use. Thanks to the integrated printer you can also have the test result in black and white.

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# ChronoProof ® PRO

## Easy to operate

No technical know-how or staff training is necessary in order to be able to operate the ChronoProof PRO. All you have to do is place the watch in the holding device of the sensor and close the test chamber. The Chrono-Proof PRO takes care of everything else, including para-meterisation of the test program. The ChronoProof PRO is so quick and easy to operate that you can, for example, carry out a seal test directly on your sales desk without further ado.

## All the at a glance

**Worldwide one-of-a-kind: integrated compressor**
The ChronoProof PRO is the first seal testing device with an integrated compressor for generating a vacuum and pressure. This makes it particularly compact and handy.

**Integrated printer**
Thanks to the integrated printer, you can print out your test results at the touch of a button. The ticket can be individually configured, for example with your logo or company name.

**Reliable test results**
Reliable results thanks to high-precision Witschi technology: the ChronoProof PRO offers measurement resolution of 0.02 μm, in other words 1/5000 of the thickness of an average human hair.

**Automatic test cycle**
The test cycle starts automatically on closing the test chamber. Stabilisation and measurement times are automatically adapted to suit the watch.

**Touchscreen**
Easy user guidance thanks to capacitive touchscreen.

## Three colours
The ChronoProof PRO is available in:
aluminium          steel          ruby

## Software
The new PC – Software  «ChronoProof Setup» allows you to create your own single and double tests program or to use the «automatic mode». All created test programs and ticket layouts will be saved as file into the memory of the Chronoproof and PC, till the parameters will be changed by the user.

## Technical data

**Vacuum:** programmable between -0.5 up to -0.2 bar

**Pressure:** programmable between +0.2 up to +3.0 bar

**Measuring range deformation:** -300 to 1000 μm

**Sensor resolution:** 0.02 μm

**Maximum watch size (case only):**
Diameter: 70 mm
Thickness: 28 mm

**Maximum strap diameter (e.g. in the case of non-flexible straps):**
Horizontal: 85 mm
Vertical: 65 mm

**Interface:** USB 2.0

**Mains supply:**
universal mains adaptor / 100 – 240 V~ / 50 – 60 Hz / 1.5 A

**Dimensions:** 155 x 220 x 300 mm (WxDxH)

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