Leak Checker Prime

Operating Manual

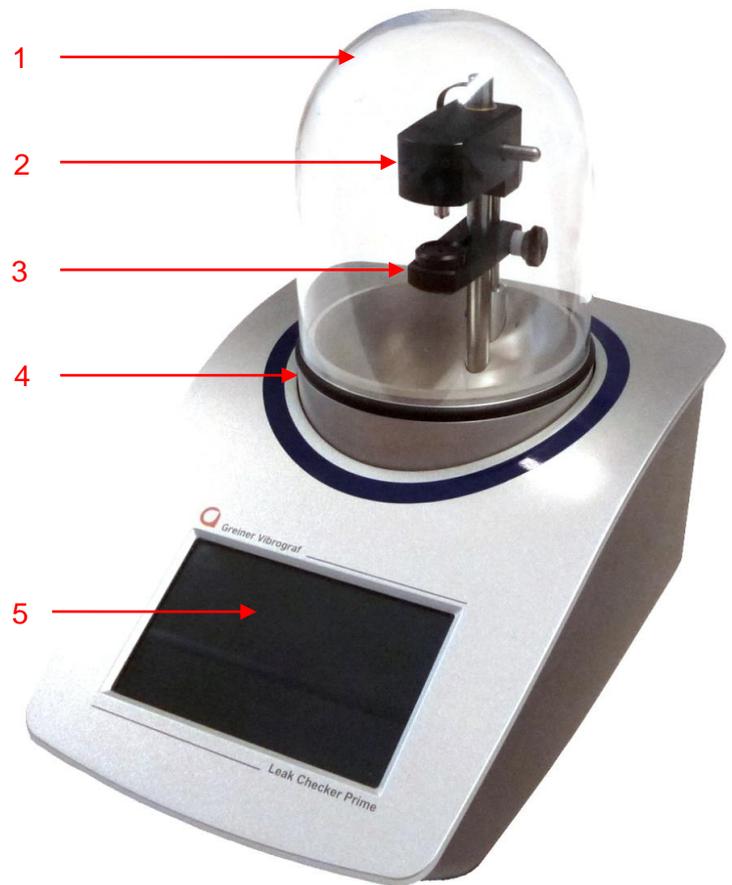**Version 2/13**
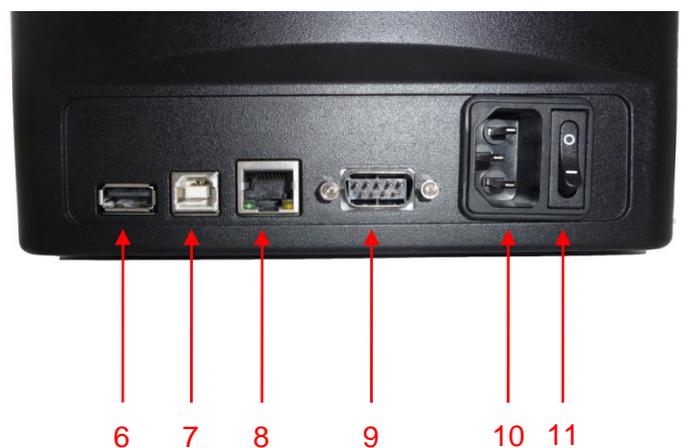
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1. Device description

1.1 Front view

1. Acrylic glass cover
2. Measuring head with sensor
3. Watch support
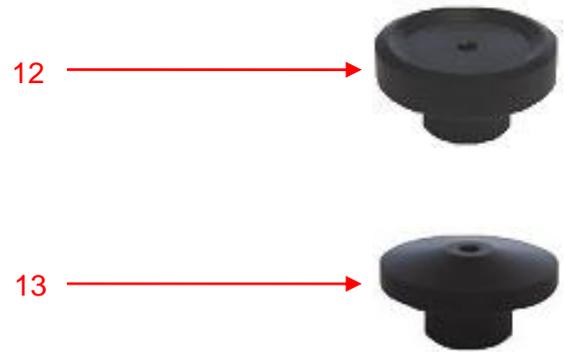4. O-ring/seal
5. 5" touchscreen display

1.2 Rear view

6. USB-A
7. USB-B
8. Ethernet
9. RS 232
10. Mains power cable
11. ON/OFF switch

1.3 Accessories

12. Support for standard watches
13. Support for small watches and watches made of hard materials with ceramic case and sapphire crystal
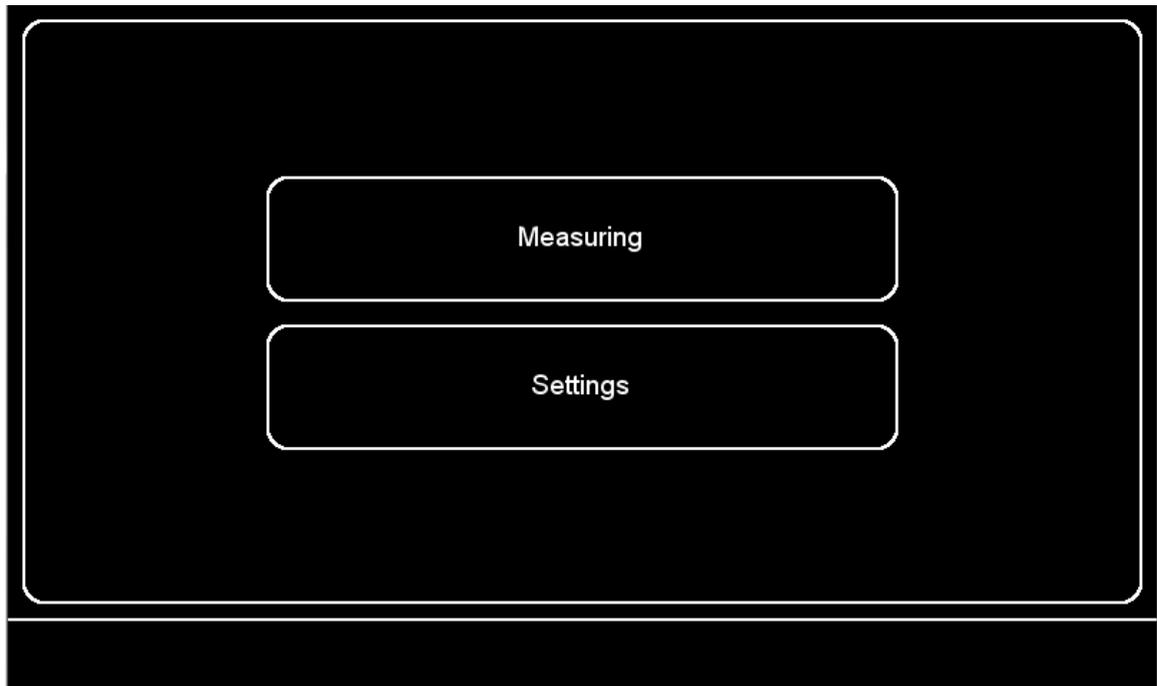
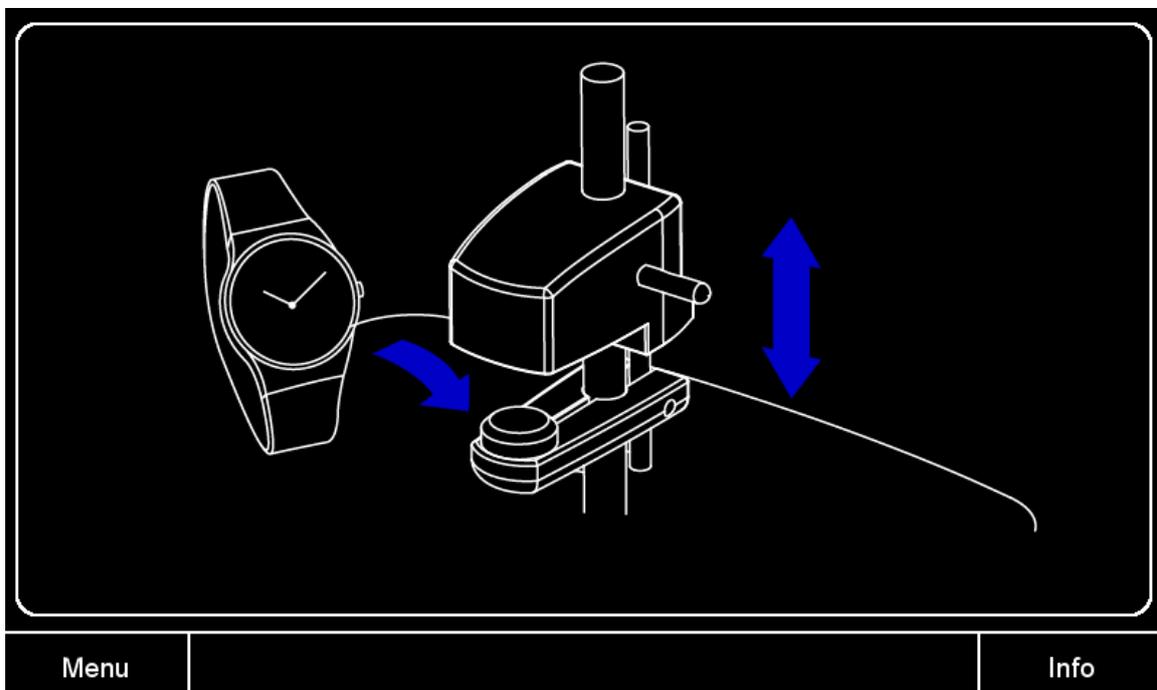12 ⟶

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2. Commissioning

1. Plug power cable into device and mains socket
2. Connect printer
3. Switch device on
4. Allow device to warm up for about 15 minutes
5. Start measurement
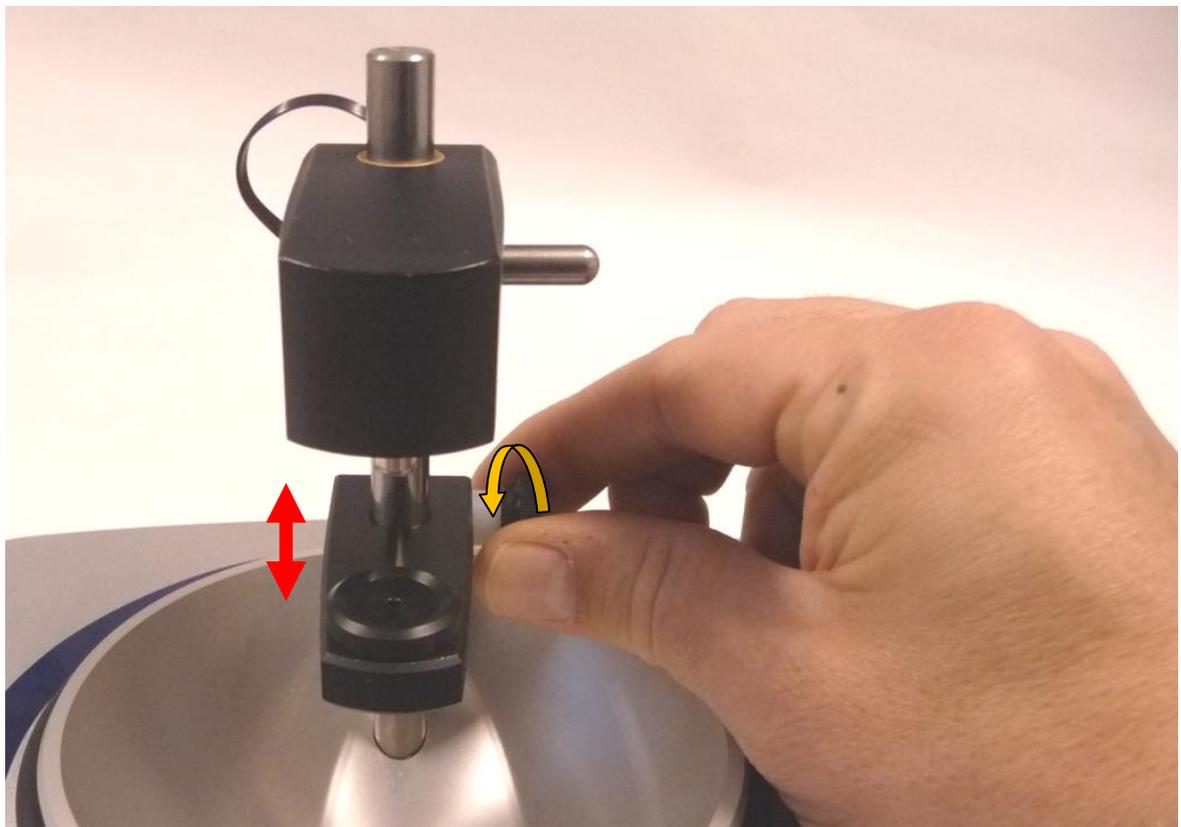
3. Start measurement

Press Measuring.

Insert the watch and move the measuring head vertically until all of the blue arrows have disappeared.

Move the measuring head vertically by simultaneously pulling on the lever and raising or lowering the measuring head as shown in the picture below.
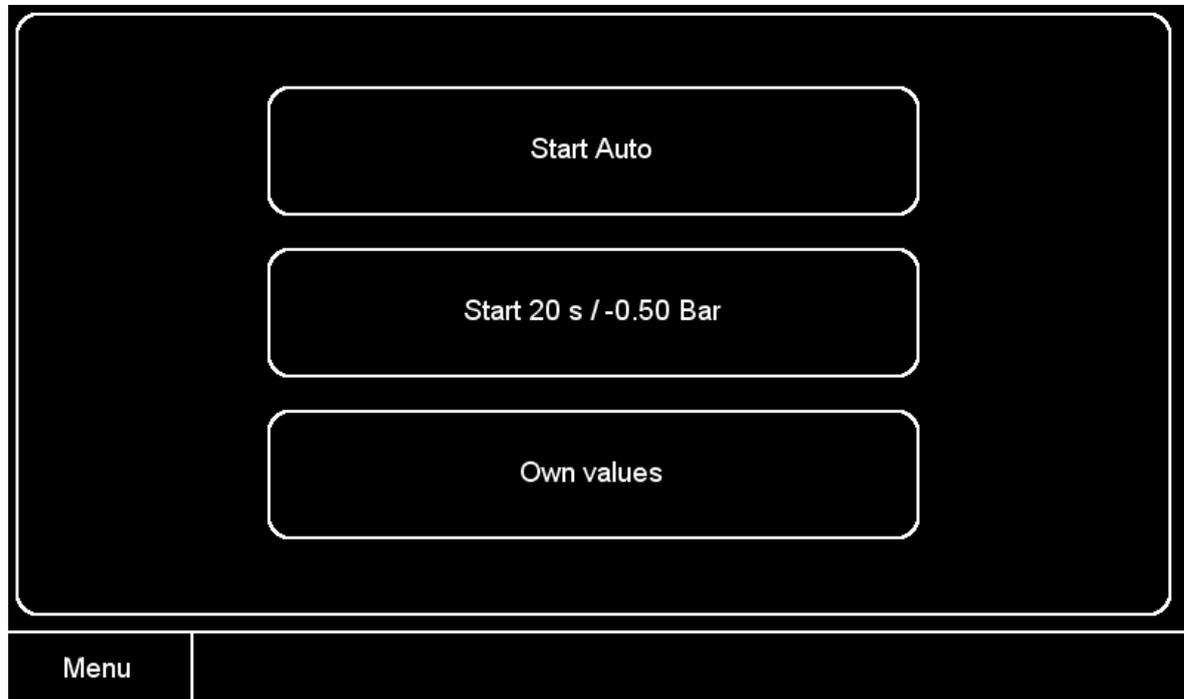

If the watch does not fit correctly into the space, you can also move the watch support vertically by loosening the screw on the side.

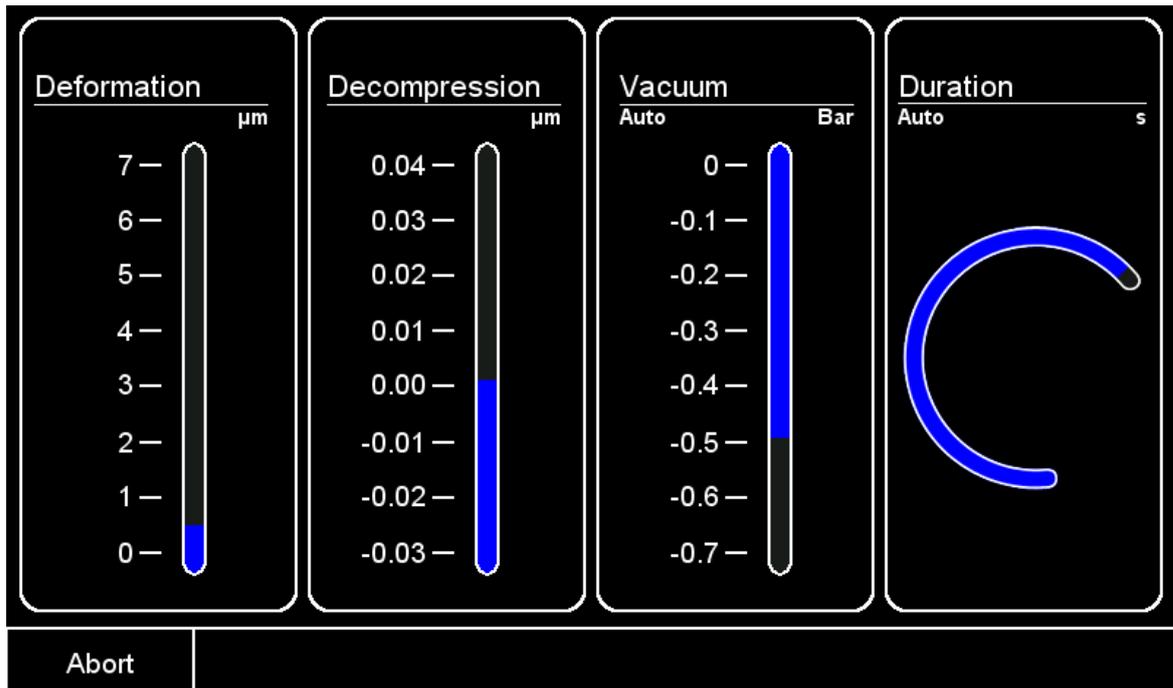**3.1 Select one of the two programs:**

- Start Auto for automatic measurement.
  As soon as enough distortion is achieved, measurement starts.

- Start X s / X Bar for measurement with self-defined values.

- With Own values you can adjust the values of the second program.
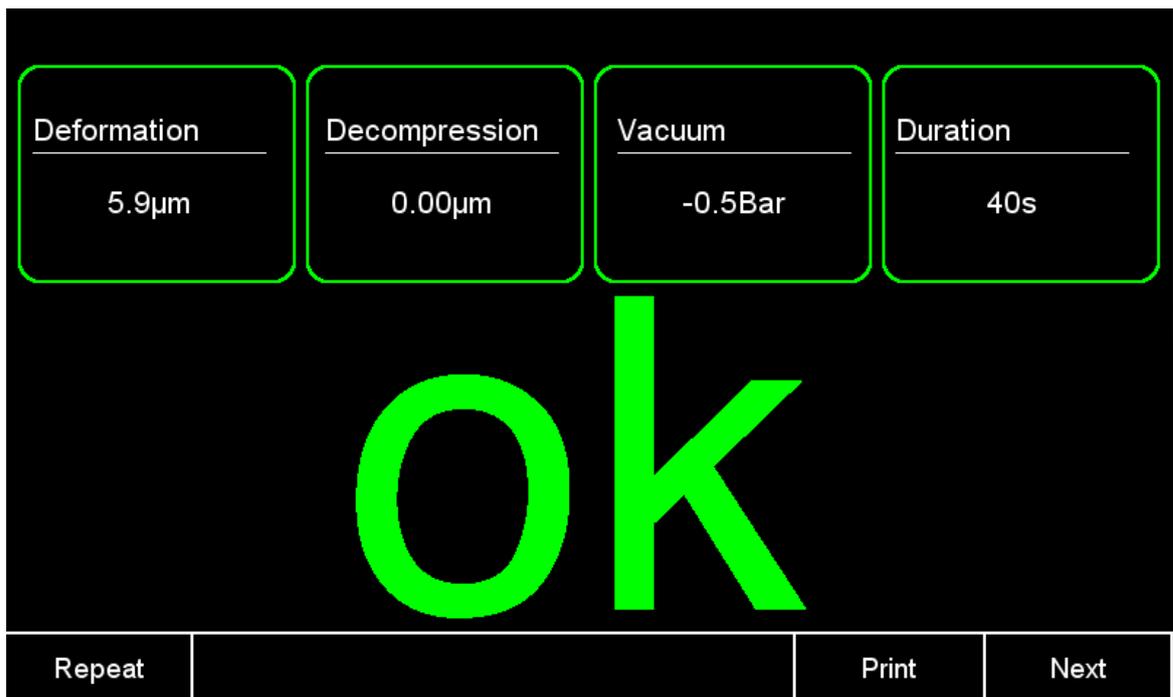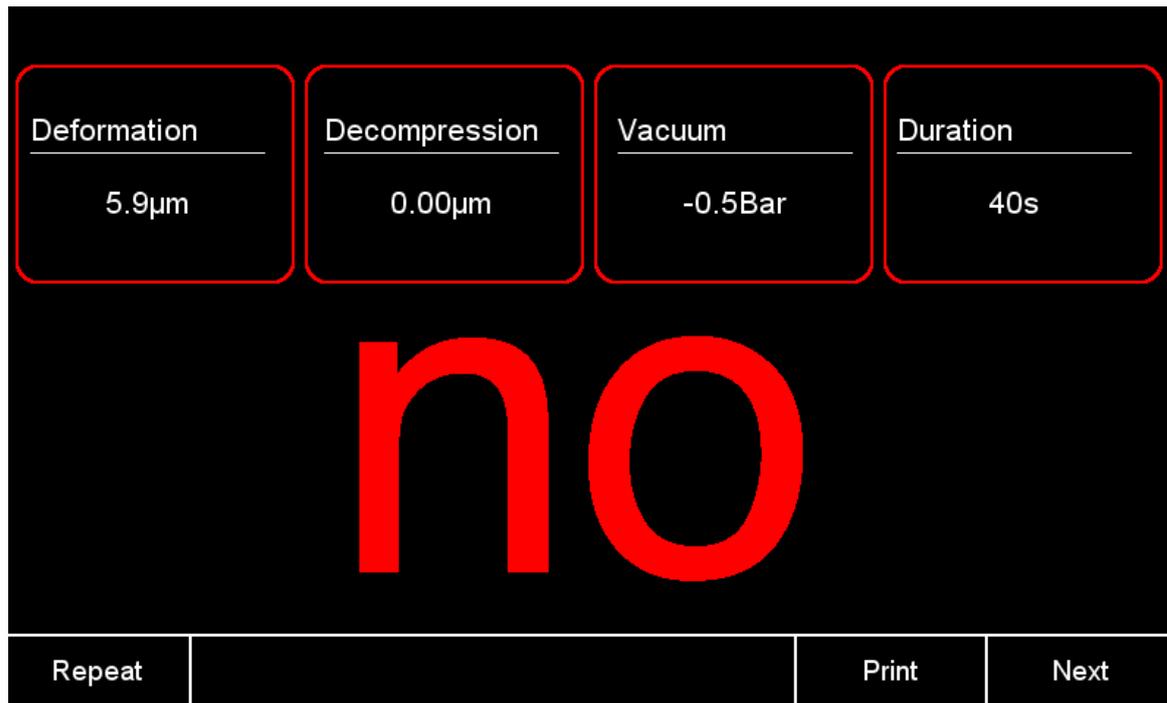 See also: "Set up program"

3.2 Measurement is running…

You can use Abort to interrupt the measurement at any time.

4. Measurement results

A green ok means the watch is waterproof.
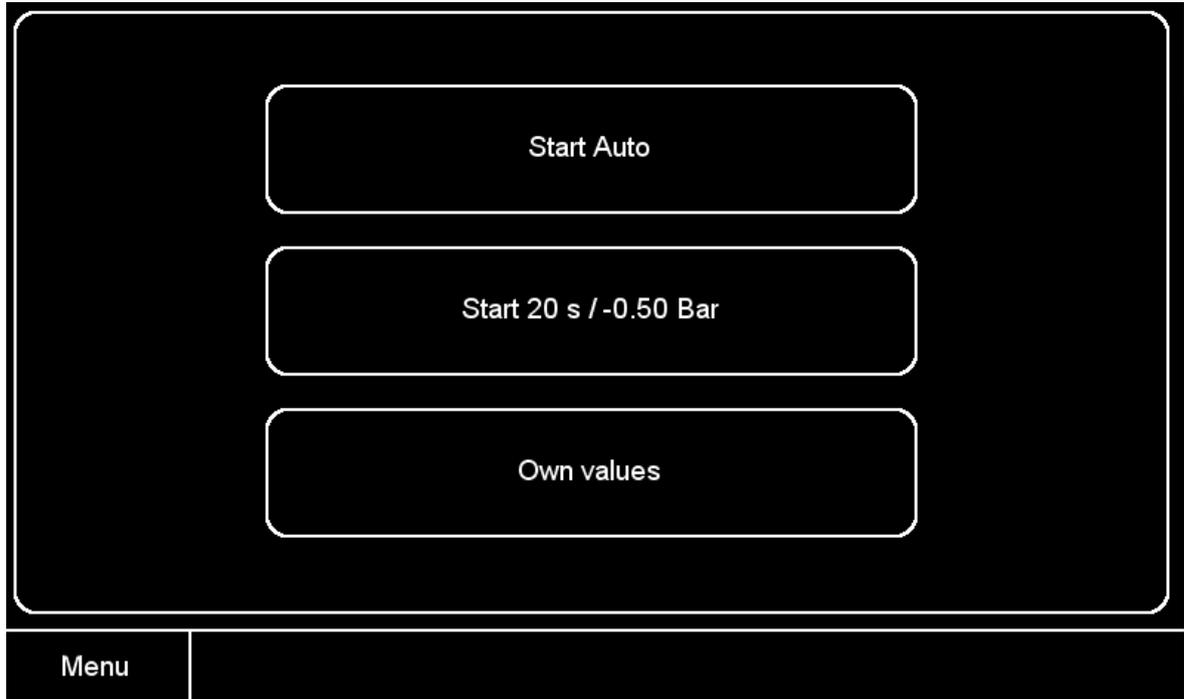
A red no means the watch is not waterproof
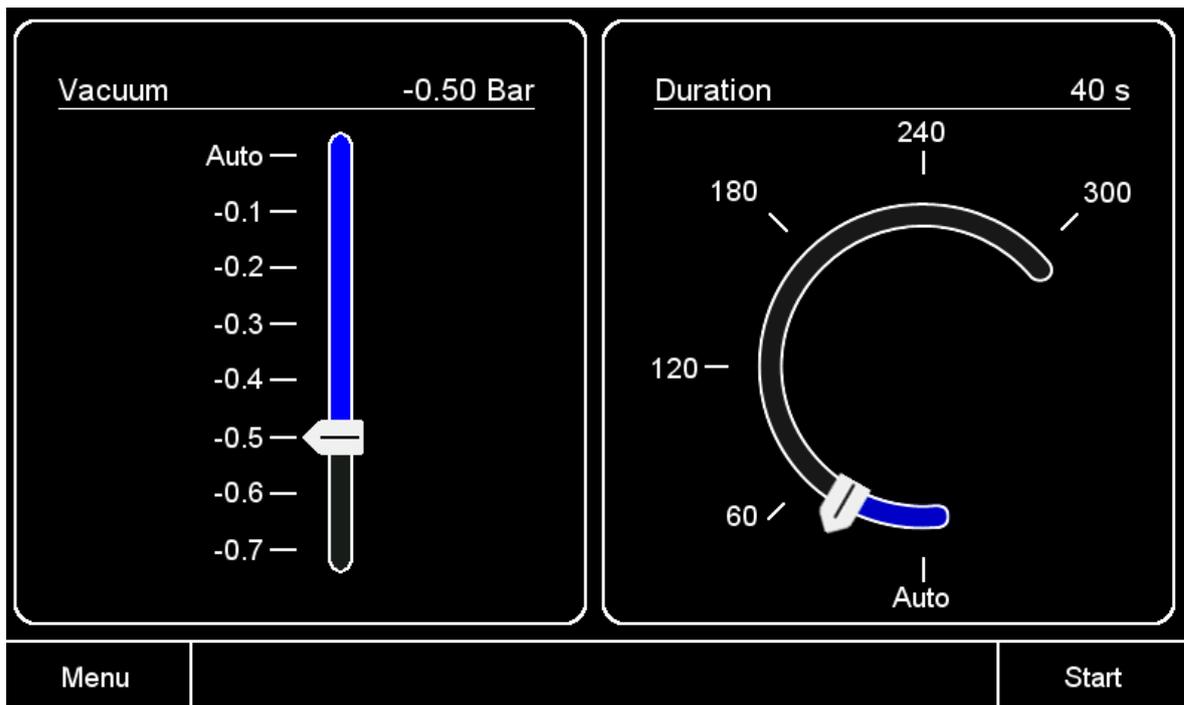

In both cases you can continue as follows:

- You can print out the results with Print.

  If printing does not work, please check you have selected the correct printer (see: Select printer)

- Selecting Repeat means the same measurement will be started again immediately.

- With Next you return to Select a measurement or the main menu.

5. Set up program

Press Own values to select your own values for the measurement.
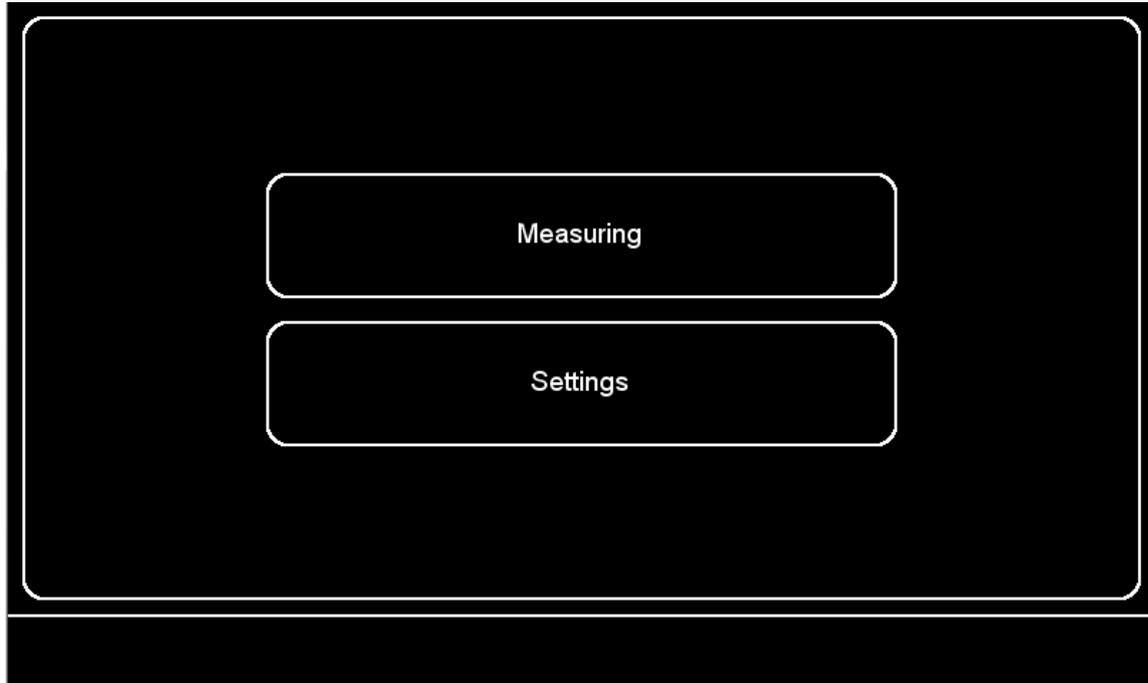

Now select the Measurement parameters by touching and dragging the controller that you want to adjust. Once you have set up the values to suit your requirements, press Start to begin measurement. The values you have selected are now saved for future measurements on the middle button in the Start menu.
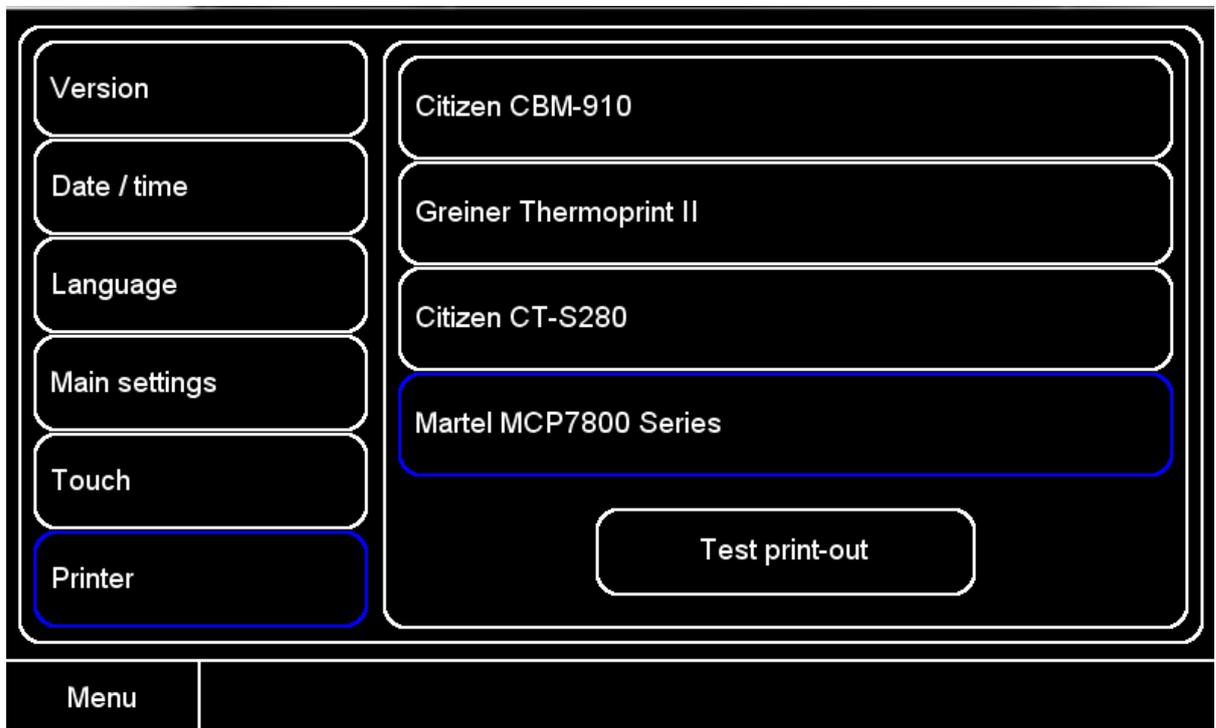
6. Select printer and edit print head

Press Settings.

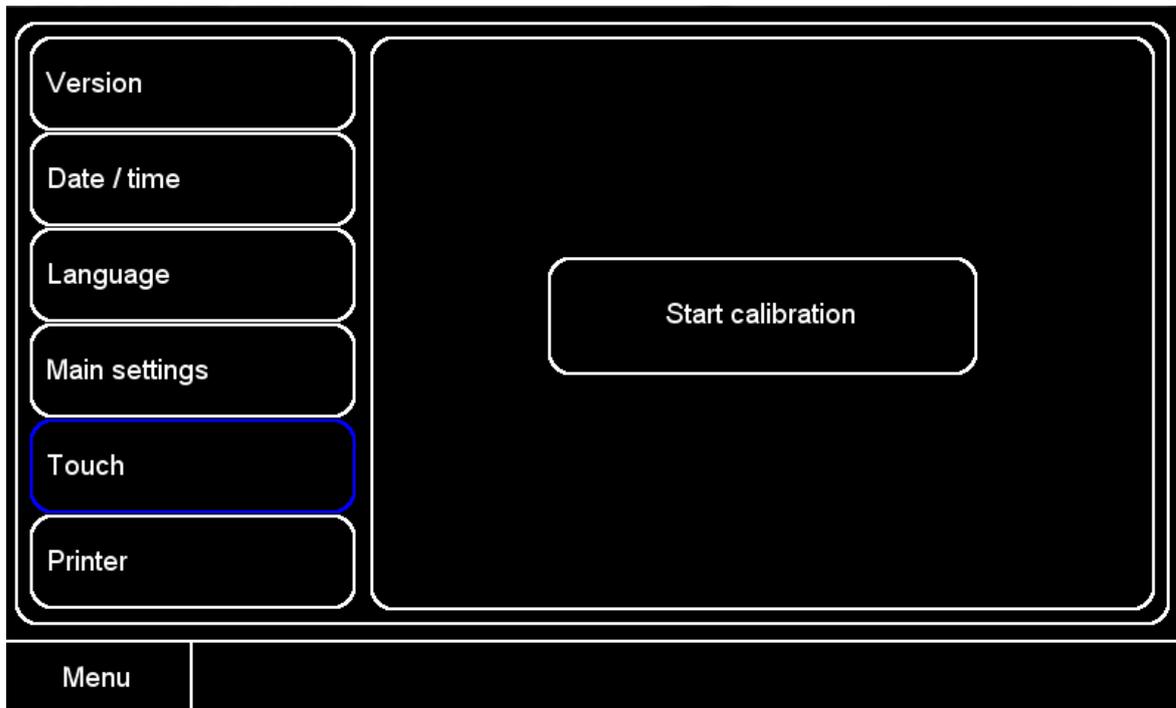Press Printer and select the printer that you have installed.

You can also select the `Printer head` menu to program your own company data for the print-out.

7. Calibrating the touchscreen

If you have the feeling that when pressing the buttons the field is out of alignment, you can calibrate the touchscreen. Press `Touch`, `Start calibration` and then use your finger to confirm the positions of the crosses.

8. Cleaning the screen

Before cleaning

Only ever clean the screen once the device has been switched off and the screen surface has been allowed to cool down!

Remove dust

Please use exclusively microfibre cloths or special screen cleaning cloths.

Cleaning the screen with a damp cloth

Only ever use special screen cleaners.

Never spray the screen cleaner directly onto the monitor surface, but onto the cleaning cloth.

Never apply any pressure to the monitor surface when cleaning off marks and do not attempt to remove marks by scratching with your fingernail.

Drying the screen

After cleaning with a damp cloth, dry off the user interface with a new microfibre cloth. Once you have finished cleaning, it is important to wait approximately 30 minutes before switching the device on again.