

Unirox

Airtightness checking machine for watch by volumetric comparison

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 Engineered and made in Switzerland

The Unirox is a precision measuring device for checking the airtightness of watches, using volumetric control technology.

It measures the air leakage in a watch case at a pressure between 0 and 10 bar, as well as in vacuum (-0,5 bar).

The advantage of this process is that it prevents the watch case, and therefore the movement, from coming into contact with potentially damaging water in the event of a leak.

Machine functions

- Measurement by volumetric comparison of a watch case
- Possibility to test a single watch without a reference. **After Sales compatible.**
- No special toolage required
- Dual print bucket lined with an anti-scratch coating (XS and L, S and M)
- Color touch-screen and intuitive menus
- Minimized external dimensions. Easy handling
- Standard cycle time between 1,5 to 4 minutes

Software functions

- Intuitive menus in 5 languages
- Many adjustable parameters
- Simple and intuitive programming
- Specific per watch case or generic programs
- Watch cases volume learning function
- Export of measurement results via USB stick

Technical specifications

Supply voltage :	110-230 V / 50-60 Hz
(External power supply, transformer	24 VDC / 1 A / 24 W)
Power :	140 W
Minimum inlet pressure :	5 bar
Maximum inlet pressure :	12 bar
Ambient humidity rate :	Between 30 and 60 %
Ambient temperature :	20 to 28 °C
Weight :	9 kg
Dimensions closed device (l/d/h) :	150 x 365 x 220 mm
Dimensions open device (l/d/h) :	150 x 475 x 220 mm

