

# Chronoscope RDM



## Testing power reserve

The Chronoscope RDM (Réserve de Marche) tests the power reserve of mechanical watch movements or watches in a very easy and time-saving way. Power reserve testing accurate to the minute takes place autonomously, so that checks can be carried out regardless of the time of day and over the weekend. Shown clearly and unambiguously on the colour graphical display is the test sequence with a display of the

remaining running time or results of the watches tested. Watches that have not yet used up their remaining power can be taken out of the unit when it is still running without interrupting the checks taking place on other watches. The watch movements to be tested can be left in industry-standard transport pallets (310 x 128 mm), which significantly reduces the risk of damage to watches and greatly simplifies handling.

## Witschi Electronic Ltd

Bahnhofstrasse 26 – CH-3294 Büren a.A. – Phone +41 (0)32 352 05 00  
 Fax +41 (0)32 351 32 92 – welcome@witschi.com – www.witschi.com

## Technical data

### Characteristics

Testing of up to 10 watches or watch movements in industry-standard transport pallets (310 x 128 x 23 or 28 mm). The watches to be tested on a pallet can have both different stroke rates and dimensions. This device permits the testing of watches with a height of between approximately 6 and 25 mm and a diameter of up to 58 mm. If the watch glass has a protective film applied, this does not influence the measurement. The signal sensors are placed gently on the watch glass or calotte so they are not damaged.

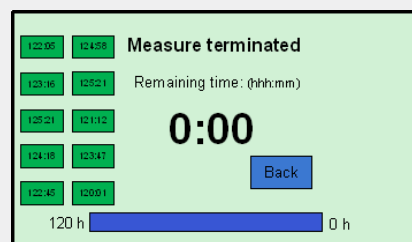
With the pallet pulled out, the resistive touchscreen is in an ergonomic and user-friendly position. When the measurement process is in progress (drawer closed), it automatically goes into the vertical position.

The sturdy housing makes it possible to stack several devices in a cabinet or safe, thereby saving space. The stable baseplate ensures the unit does not topple over, even if the drawer is pulled out and loaded.

### Details

- Display power reserve\*: hhh:mm
- Display remaining time: hhh:mm
- Max. power reserve: 999 hours
- Beat number range: 18'000 to 72'000 a/h
- Number of test channels: 10 or 5
- Display: Colour, resistive touch screen with 480 x 272 pixels
- Casing: Aluminium silver
- Dimensions: 476 x 199 x 138 mm (d x w x h)
- Weight RDM: 9.2 kg
- Weight Baseplate: 6.5 kg
- Mains connection: USB mains adapter, 110-240V~, 5V DC / 0.5A
- Languages: English, German, French
- Stacking: Up to 5 devices on a base plate

\* By «power reserve», we mean the length of time a watch will run with the spring fully wound until it stops.



Indication of the achieved runtime for each watch.

### PC software Chronoscope RDM

The software allows easy monitoring of the ongoing test channels. Ideal when multiple channels (up to 20) are connected. The state of each channel can always be printed and/or exported as a txt file.

