



# Quartz Module

Chronometric measurement module for quartz movement with optional state control camera



## Measurement Data

- Instantaneous rate accuracy measurement:
  - Measurement range:  $\pm 10$  s/d
  - Precision:  $\pm 0.005$  s/d (OCXO timebase,  $\pm 5$  ppb stability)
  - Resolution: 0.02 s/d to 0.005 s/d (60s or 360s integration time)
- IC current measurement:
  - Measurement range: 0 - 4  $\mu$ A
  - Precision:  $\pm 2\%$
  - Resolution: 0.005  $\mu$ A
- Motor current measurement:
  - Measurement range: 0 - 0.4 mA
  - Precision:  $\pm 2\%$
  - Resolution: 0.01 mA
- Chopping level:
  - Measurement range: 1 - 100%
  - Precision:  $\pm 2\%$
  - Resolution: 5%

## Technical Data

- Supply voltage:
  - 1V to 3.2V, resolution 0.05V
  - Input connector: jack 3.5mm TRRS
  - Optional «battery» like connector
- Mains power supply: 5VDC / 1A (included)
- USB 2.0, with dedicated user interface (Windows)
- Application temperature: 10 - 50°C
- Material: Black anodized aluminum
- Dimensions: L150mm x W150mm x H200mm (with state control camera)
- Weight: 2.4kg (with state control camera)  
Indicative price: CHF11'850 (with state control camera)



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## Options

State control camera

## User interface

