



Quartz Module

Chronometric measurement module for quartz movement with optional state control camera

Measurement data

Instantaneous rate accuracy measurement:

- Measurement range: ± 10 s/d
- Precision: ± 0.005 s/d (OCXO timebase, ± 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 μ A
- Precision: ± 2 %
- Resolution: 0.005 μ A

Motor current measurement:

- Measurement range: 0 - 0.4 mA
- Precision: ± 2 %
- Resolution: 0.01 mA

Chopping level:

- Measurement range: 1 - 100 %
- Precision: ± 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)

Options

State control camera

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User Interface

