

Thickness Monitors TM13 & TM14



Technical data

Power Supply	5V DC
Current Consumption	Max 500 mA
Communication Interface	RS232
Dimensions [mm]	W: 80.0 mm, H: 50.0 mm, D: 27.0 mm

Description

The TM13 and TM14 devices comprise: quartz oscillator, frequency measuring system and communication interface. It is connected to the input element of a quartz resonator. The measurement results are transmitted via RS232 or RS485 (depending on configuration) to the master device: either a PC or TMC13 controller.

Features TM13

- **Frequency Resolution: 0.1 Hz**
- Number of measurements per second: 4 (fixed)
- Maximum frequency of quartz oscillator: 6 MHz
- Stability: 0.5 ppm

Features TM14

- **Frequency Resolution: 0.01 Hz**
- Number of measurements per second: 0.5, 1, 2, 4, 10 (selectable)
- Maximum frequency of quartz oscillator: 6 MHz
- Stability: 0.5 ppm

Remote control via Thickness Monitors Controller TMC13 controller or PC.