



## Multi-chronometer featuring data processing, scrolling display and start button

EQ228E

### Function

Measures and stores 1-4, 10, 20 and 30 time intervals, calculates and allows inputs to be made without using a computer. In all cases, allows scrolling and identification of the measured values displayed on the screen itself. Measures consecutive time intervals for transit between sensors (from 1-5 sensors), measures 10 consecutive time intervals for transit of the mobile past a single sensor; measures the time interval for transit of the mobile from release of the coil to a sensor; simultaneously measures the time intervals of colliding mobiles, registering up to 30 data measurements; determines velocity, determines transit velocity by sensor, determines final velocity; determines acceleration of the mobile; measures the period of periodic motion of a physical body (simple harmonic motion, circular motion, etc.), determines the frequency of motion of a physical body (simple harmonic motion, circular motion, etc.); measures the speed of sound, determines the kinetic energy of a mobile, determines the initial kinetic energy of a mobile at release; auto-release; manual release for measuring up to 10 consecutive time intervals independently of sensors; increment and decrement of input digits; scrolling display with identification of measured values.

- Photoelectric barrier sensor needed.

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