



Rotational device with multichronometer (Bluetooth), data scrolling and 2 sensors

EQ002NBT

Function

Intended for study, physics laboratory, physics experiments on: motion in two dimensions, periodic motion, referential, reference systems, uniform circumferential motion MCU, conceptualize and determine period and frequency, combined motion of the MRU with the MCU, first and second Kepler law of planetary motion, MHS simple harmonic motion from MCU, phase difference, phase angle, relationships between angle and elongation, angular velocity, relationship between tangential velocity and angular velocity, tangential velocity and centripetal acceleration, rotational kinematics, angular and tangential velocity vectors, centripetal acceleration vector, conceptualize and determine tangential velocity, angular velocity, centripetal acceleration, rotational kinematics, angular and tangential velocity vectors, centripetal acceleration vector, transmission speed from the MCU, measurements, relations, function, etc.

Knowledge areas

Physics

Key Experiments

The relativity of motion according to the reference
 The combined movement of URM with UCM
 Gravitation, planets, and Kepler's laws of planetary motion

