Moover™

Moover™ is a miniaturized sensor capable of measuring movements, accelerations and rotations in space. Its application in the scientific field allows the evaluation of cervical and joint ROM.

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Moover™

TECHNICAL FEATURES

PHYSICAL DATA
- Dimensions: 65x45x18 mm
- Weight: 28 g

ELECTRICAL DATA
- Battery: Lithium 3.7 V (rechargeable 240 mAh)
- Battery life: up to 6 hours in streaming
- Wireless charging (Standard QI)

TECHNICAL FEATURES
- Sensor type: 9 axes (3 gyroscope, 3 accelerometer, 3 magnetometer)
- Acquisition frequency up to 1 Khz (per accelerometer and gyroscope)
- Microprocessor: 32 bit floating point unit

CONNECTIVITY
The mOOver connects to the PC via Bluetooth.

SOFTWARE
All acquired data are processed by the FreeStep software, which offers detailed assessments with guided analysis protocols.

- Rotation, inclination and flexion-cervical extension
- Flexed extension, vertical and horizontal abduction of the shoulder
- Flexed extension and pronoun supination of the wrist
- Rotation, inclination and flexion dorsal extension
- Flexed extension, abduction and rotation of the hip
- Flexed knee extension
- Reversal-eversion, dorsal and plantar flexion of the ankle

CERTIFICATIONS

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