



Moover One™

Moover One™ 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.



Company with management system quality certificate N ° 50 100 16690

www.sensormedica.com
info@sensormedica.com



Moover One™

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 One™ 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

