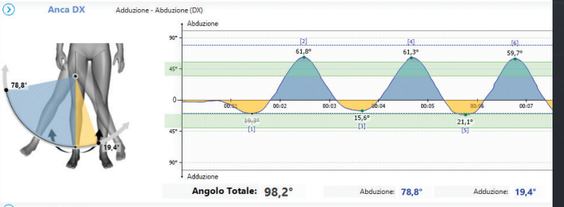
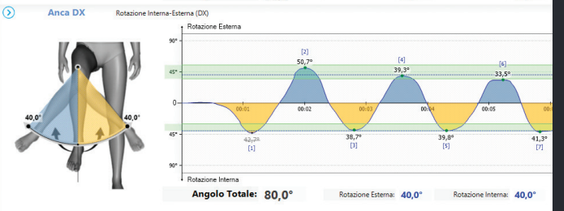
MOOVER ONE

TECHNICAL SPECIFICATIONS





MOOVER ONE

Measurement of movements, accelerations and rotations in space

Moover One is a miniaturized wireless sensor that can monitor areas of interest during analysis and treatment.

Its application in the scientific field allows for goniometric evaluation (range of movement) of joints, a fundamental measure both in terms of prevention and rehabilitation and allows to identify weak points during analysis or to follow their progress during therapeutic treatment.

Moover One is ultra-compact, wireless, highly precise and with considerable battery life. The software provides information on normal values and produces an automatic report of the exam.

MOOVER ONE
Technical features

DIMENSIONS
- Dimensions: 65x45x18 mm
- Weight: 28 g

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

TECHNICAL FEATURES
- Resolution: 16 bit
- Calibration: automatic
- Sampling rate: 200 Hz
- Configurable accelerometer: from 2 to 16 G
- Configurable gyroscope: from 250 °/sec to 2000 °/min
- Integrated digital motion processing

CONNECTIVITY
- Connection: Bluetooth 4.0 and 2.0

SOFTWARE

All acquired data is processed by the FreeStep software, which offers detailed evaluations with guided analysis protocols.

- Cervical rotation, inclination and flexion-extension
- Flexion-extension, abduction-adduction and intra-extra rotation of the shoulder
- Flexion-extension and pronation-supination of the wrist
- Rotation, inclination and flexion-extension of the dorsal trunk
- Flexion-extension, abduction-adduction and intra-extra rotation of the hip
- Flexion-extension of the knee
- Flexion-extension and inversion-eversion of the ankle

Company whit Management System
Quality Certificate N° 50 100 16690

CERTIFICATION
CE FDA MD NMPA