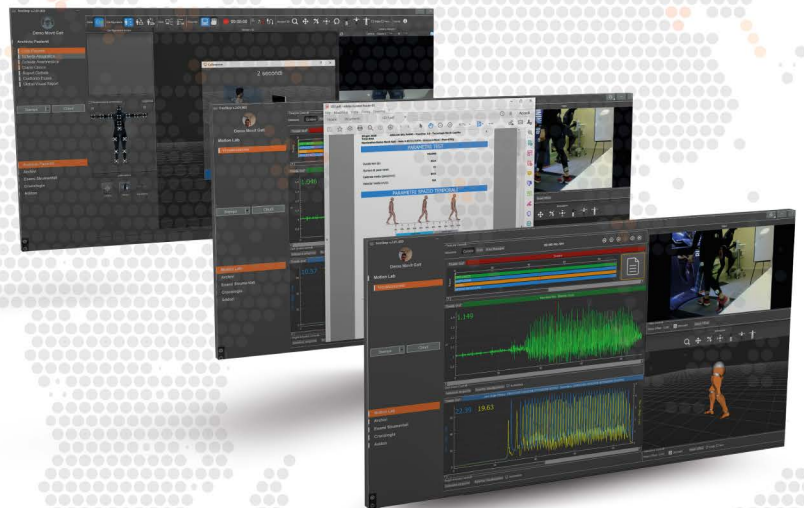




Moover Gait™

The Moover Gait is the ideal tool for technicians and specialists interested in monitoring and objectifying the state and to assess the effectiveness of a rehabilitation programme.

Thanks to the network of inertial sensors worn by the patient provides a complete and accurate motion analysis.



Company with management system
quality certificate N ° 50 100 16690

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Moover Gait™

TECHNICAL FEATURES

PHYSICAL DATA

- Sensor size: 48x39x18 mm
- Weight: 40 g (single sensor with battery)
- Number of sensors: 7

ELECTRICAL DATA

- Battery life: 6 hours in stand-by and three hours in acquisition (100 Hz)
- Charging time: 4 hours

TECHNICAL FEATURES

- Proprietary transmission protocol: 2.4 Ghz wireless
- Sampling rate: up to 200hz
- Transmission rate: up to 30 m
- Resolution:
Gyroscope 16 bit
Accelerometer 16 bit
Magnetometer 14 bit

CONNECTIVITY

The Moover Gait receiver connects to the PC via USB cable. The sensors connect in Wi-Fi mode to the receiver.

SOFTWARE

All acquired data are processed by the FreeStep software, which offers detailed assessments and reports.

- Symmetry indexes of duration and length of step and half step
- Symmetry indexes of support times during the stages of the step
- Symmetry indices of foot and leg impact forces
- Spacetime indices of step stages (speed, times and lengths)
- Cadence of the step
- 3D joint angle of pelvis, hip, knee and ankle
- 3D data export to BVH
- Ability to capture video of the path synchronized with 3D analysis

CONFIGURATIONS

The Moover Gait is available in the following versions:

- 5 sensors
- 7 sensors
- 16 sensors



CERTIFICATIONS



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