# Motek Series Service Only

**Origin:** The Netherlands

## GRAIL

**Total Solution For Gait Analysis And Training**

## C-Mill

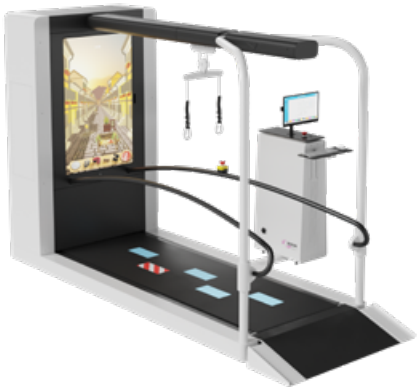
**Train Foot Placement**

## C-Mill VR

**Train Automated Movements & Dual Tasking**

## C-Mill VR+

**Early To Late Rehabillitation With Balance & Body Weight Support**



# MEDISTEP M Pro NEW

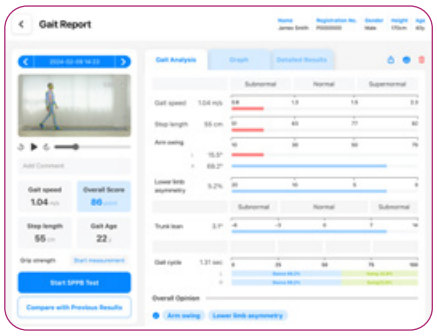
## AI-Powered Markerless Gait Analysis

**Origin:** South Korea

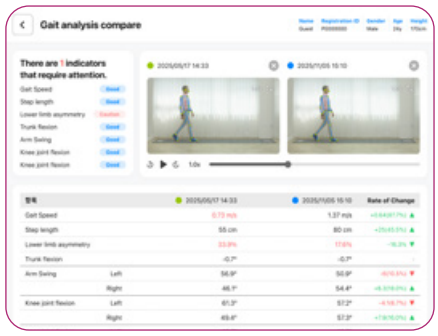
**MEDISTEP M Pro is an AI-powered markerless gait analysis system designed for clinical-grade gait assessment in hospitals, clinics, and rehabilitation settings. Using a single mobile camera and on-device AI, it captures dual-view gait data and transforms every step into structured, objective insights in just one minute.**

## Features

- Analyzes full-body joint coordinates to generate comprehensive visual reports across key gait indicators, including gait speed, stride length, trunk lean, asymmetry, arm swing, and knee and hip kinematics.
- Built-in SPPB assessment including gait speed, balance, and chair stand testing
- Automated reports with 40+ key gait indicators and visual insights
- Continuous video-based motion analysis across the full recording
- Simple 3-step workflow in 1 minute: enter information, record, and review results
- Instant printing and PDF export for easy reporting and sharing




View results by category




Analyzes the entire video as time-series data, not just snapshots

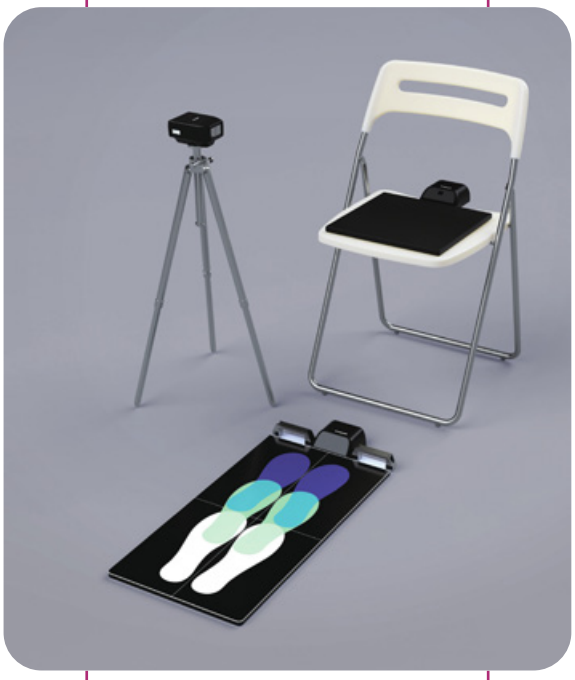

Instant printing and PDF export

DYPHI
DEFY YOUR AGE

# AndanteFit

## Physical Performance Tester For Frailty and Sarcopenia Assessment

**Origin:** South Korea



**Whether you're in a clinic, community center, or hospital setting, AndanteFit enables you to perform frailty and sarcopenia assessments in under 3 minutes — fully automated, with no training or wearables required.**

## Features

- Fully automated testing – no need for wearables or specialized training
- Rapid test time – less than 3 minutes for full SPPB, less than 1 minute for single tests
- High accuracy – powered by LiDAR-based multi-sensor technology
- Standardized results – consistent, objective data free from human error
- Compact & portable – easy to install in even the smallest spaces
- Clinically validated – cited in over 20 clinical studies

## Software Features

- **Data Management and History Tracking**
  - Cloud-based data analysis and management system is included. Easy to track test history of all subjects in a single platform anywhere anytime.

# Optogait

## Motion Analysis & Bio-Feedback

**Origin:** Italy
**Certificate:** IEC 60601-1, CE

Single meter

2D system

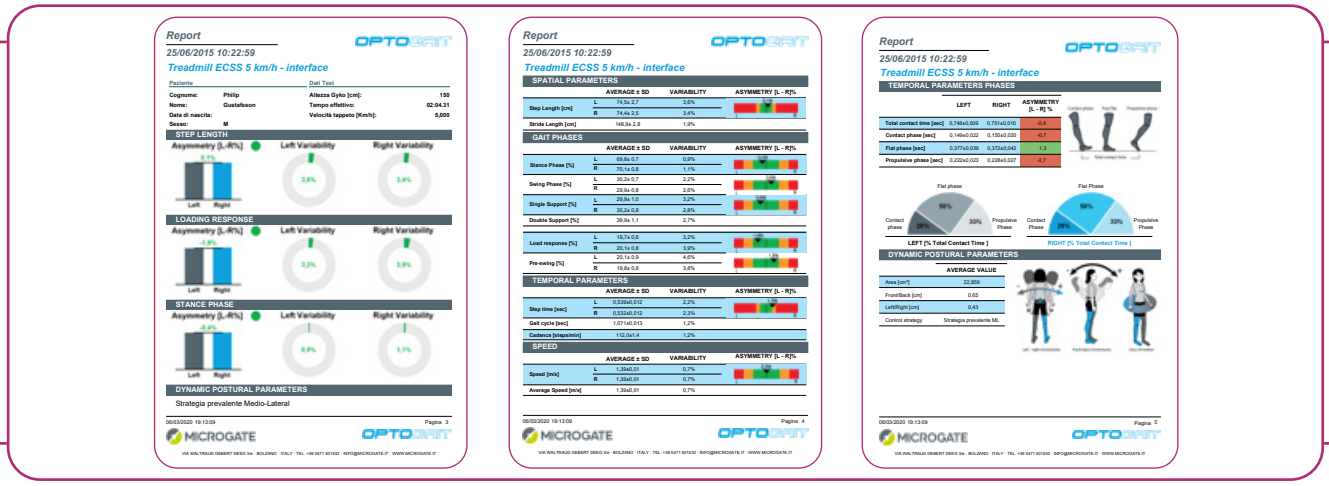
## Features

- Identify deficiencies, postural problems and asymmetries
- Provide report and video analysis to develop and apply therapeutic-rehabilitation applications
- Special tests and protocols, e.g. walking test, running test, jumping test, drift protocol, single legs 3 hops protocol, etc.
- Act as an audio and video biofeedback tools
- Act as virtual foot switches to support surface EMG
- Integration of external devices, e.g. heart rate monitor, inertial sensors

- **2D Gait Analysis Collects More Information**
  - Such as: step width, walking base, walking points, walking point gap
  - It is also possible to analyze normal walking steps, steps with superposed feet, as well as walking steps with crutches

## Report

- Specific report for gait or running tests, with average values, standard deviation and variability coefficient of all typical parameters or the leg and right leg
- Extended report contains all numerical and graphical data, stored step by step during the test




## Data Table

Besides the below listed data, in each test average value, standard deviation, and variability coefficient are stated for each leg, where available. In this case, a difference between the two legs is shown in percentage.

| | Gait/Run Test | Gait Test on Treadmill | Run Test on Treadmill | Jump Test | Tapping Test | Reaction Test |
|---|---|---|---|---|---|---|
| Stance Time | x | x | | | | |
| Swing Time | x | x | | | | |
| Step Time | x | x | x | | | |
| Gait Cycle | x | x | | | | |
| Single Support | x | x | | | | |
| Double Support | x | x | x | | | |
| Loading Response | x | x | | | | |
| Pre-Swing | x | x | | | | |
| Step Length | x | x | x | | | |
| Stride Length | x | x | x | | | |
| 3 Foot Phases (Contact, Flat, Propulsive) | x | x | x | | | |
| Cadence/Rhythm/Pace | x | x | x | x | x | |
| Speed | x | | | | | |
| Acceleration | x | | | | | |
| Flight Time | x | | x | x | x | x |
| Contact Time | x | | x | x | x | |
| Height | x | | x | x | | x |
| Stride Angle | x | | x | | | |
| Imbalance | x | | x | | | |
| Specific Power | | | | x | | |
| Jumping Point | | | | x | | |
| Jumping Point Gap | | | | x | | |
| Used Area | | | | x | x | |
| Cycle Time (Flight + Contact) | | | | | x | |
| Reaction Time | | | | | | x |