

EasyBase® – a force plate system for rehabilitation and sports

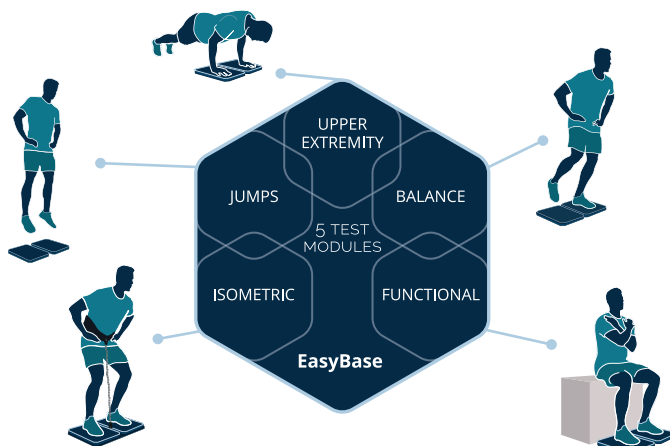
EasyBase® is a medical-grade, bipedal force plate system carefully engineered to meet the needs of modern clinicians, rehabilitation specialists, sports experts, and athletic coaches.

Regardless of size, every sports center and rehabilitation clinic can finally afford a reliable device to accurately measure vertical forces generated from the ground up. Whether your clients are healthy individuals, athletes returning to sports, or patients recovering from hip replacement surgery, knee injury, or stroke, EasyBase® can help you gain actionable insights for advanced treatment planning and design.

The system offers an intuitive, visually appealing presentation of metrics, asymmetries, and disbalances seamlessly categorized into several layers of data complexity. It enables data storage, analysis, and client report generation.



17 tests across 5 modules



- Seamless data visualization
- Overview of historical averages
- Client report generation
- Medical Device Class 1
- Four layers of data complexity
Data made easy
- Intuitive app flow
- Export of the raw data
- Portable for professionals on the go
- Accurate within 1%

Technical specifications

Specifications product:	EasyBase
Operating Temperature	10° to 45°C
Enclosure	IP4X
Operating time	24 h
Charging time (0-100%)	5 h
Maximum rated force	12000 N
Sampling Frequency	400 Hz
Accuracy	±1%
Resolution	1 N
Size per plate (LxWxH)	450x325x39.5 mm
Weight per plate	4650 grams
Charger length cable	2 m
LED light specs	RGB
Top material	Anodized aluminium
Top visuals (mode of engraving / material)	Laser-engraved

EasyBase® ACCESSORIES

EasyBase® ISOframe

ISOframe enables a wide range of isometric tests without the need for additional attachments, racks, or bars – ideal for smaller sports centers or rehabilitation clinics with limited space options.



EasyBase® JumpGuard

By extending the surface, the JumpGuard enables the safe execution of jump tests where anteroposterior or lateral perturbations are likely to occur.



FOUR LAYERS OF DATA

FORCE-TIME GRAPH

Enables easy visual identification of events recorded during activities.

KEY METRICS AND SYMMETRY CARDS

Relevant metrics are presented in cards for easy viewing and detection of asymmetries.

COMPLETE TABLE OF METRICS

Enables categorization and easy listing of all the calculated metrics.

RAW DATA EXPORT

Ideal for professionals with advanced knowledge in biomechanics to export the raw data from sensors and perform their own calculations.

EasyBase product box contains:

- 1 x EasyBase unit (2 plates)
- 2 x USB-C charging cables
- 1 x Manual

Product training



Instructional videos

youtube.com/@Meloq

