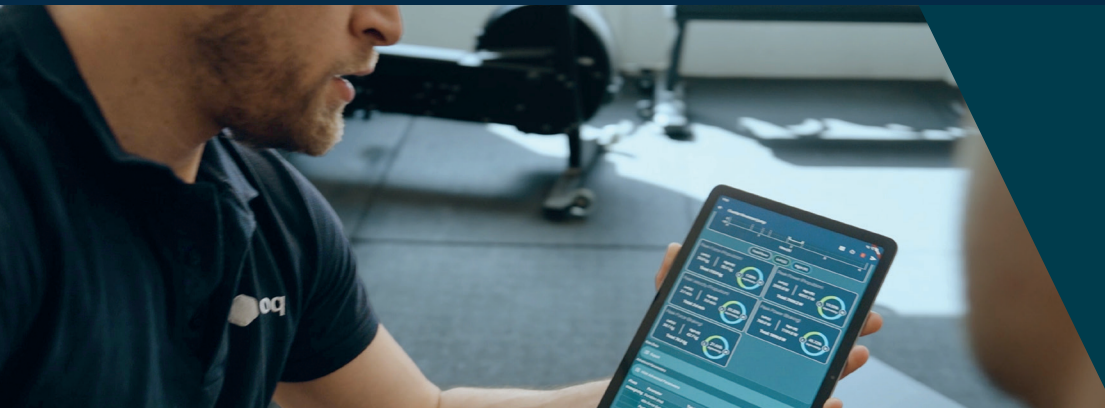




Meloq System App and EasyBase Product Datasheet

Force plate testing made easy





Central Meloq App for data collection, analysis and reporting

The Meloq Systems App is the control app for the EasyBase force plate system—bringing movement analytics into everyday performance and rehabilitation workflows.

Designed to streamline the assessment process, the app delivers seamless assessment control, unlimited athlete and patient profiles, secure data storage, advanced analysis tools, and flexible export options for everyday reporting, research, or sports. Meloq Systems App is planned to integrate our full suite of movement sensors, unifying data to deliver the most comprehensive view of movement—capturing both kinetics and kinematics for deeper, more actionable insights.

Whether you're an experienced biomechanist or using force plates for the first time, the interface is built for fast onboarding and confident decision-making and intervention design. With the Standard plan—ideal for small to mid-sized clinics and performance centers—you get full access at with zero recurring subscription fees.

Engineered as one of the market's most accessible and user-centric medical-grade force plate solutions, EasyBase pairs precision hardware (the force plates) with the Meloq Systems control app, available on tablet or smartphone. The app is downloadable for both iOS and Android, ensuring your testing environment stays mobile, efficient, and ready wherever assessment is needed—today for force plate testing, and tomorrow as the unified hub for movement analysis.

GAIN ADVANTAGE – UNDERSTAND THE BENEFITS



Intuitive and easy to use app

Suitable for both advanced and first time force plate users



Data made simple

Several layers of data, from general findings to details



Multiple data export options

Visual PDF report, CSV, and Excel exports



Client progress tracking

Overview of historical averages



Asymmetries at a glance

Visual outline of differences of the left and right sides



Data analytics for individual clients and groups



Medical grade force plates (Class 1)



Excellent accuracy and High sampling frequency

Meloq System App plans

We structure plans based on what you need for your practical day-to-day work – you can choose between three plans. The Standard plan (included and subscription free) is perfectly suitable for most of users, as it offers a plethora of testing options with small requirement to operate the app manually.

Furthermore, the Advanced plan enables more data viewing possibilities and customizations, while Excellence plan is designed for larger sports or clinic centers that require automatic and fast high volume testing in a short time.



STANDARD

Included with purchase of the plates

Own your plates and unlock the essential toolkit: structured modules, unlimited data and clients profiles, instant reports, and shareable insights—without a single recurring fee. Buy once, own forever.



ADVANCED

Premium

Additional edge from force plate testing – unleash creativity with Free Run, and customize the data to your needs.



EXCELLENCE

Premium +

Test fast and at scale, Excellence keeps the workflow moving—automatic detection, smart prep, and effortless data access.

COMING SOON



STANDARD PLAN

Included with the purchase of the plates

No recurring subscription fees

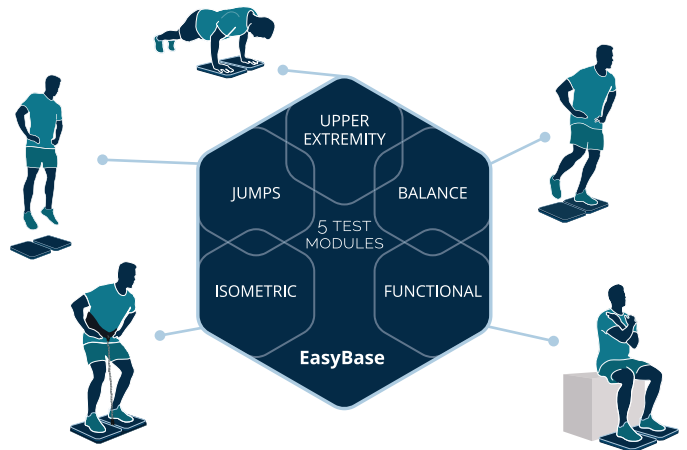
■ BUY IT = OWN IT

Own your plates and unlock the essential toolkit: structured modules, unlimited data and clients profiles, instant reports, and shareable insights—without a single recurring fee. Buy once, own forever.

FOR WHOM?

Standard plan meets the needs of professionals who assess clients performance individually and work in smaller to mid-sized teams.

Standard plan allows unlimited data storing, client profiles as well as data export functions. The assessment process is seamless, easy and quick and requires some manual control and input. The clients results are displayed and analyzed individually.



What does the Standard Plan include?



Access to the Meloq System App for Android and iOS devices for EasyBase



Full access to 5 assessment modules and all the metrics (Jumps, Balance, Isometric, Upper Extremity, Functional) containing 17 assessments



Client report generation as PDF



Export or import of the raw data using a CSV file



Exporting the complete tables of metrics as an Excel file



Overview of historical averages and assessment details (force/time graph, asymmetries, metric tables)



Unlimited client profiles and storage



Email support



Free run mode with live display of metrics



Selection of sampling rate for Jump, Isometric, and Upper Extremity modules: 400/800/1600Hz

Explore features of the STANDARD PLAN

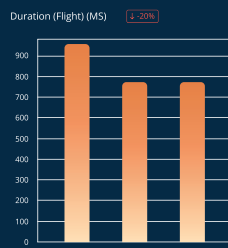
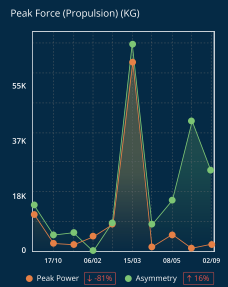
Main Dashboard



Any action within the Meloq Systems app is easily accessed via Main Dashboard. Connection status, app settings, modules, clients and your favorite assessments within reach.

Historical overview

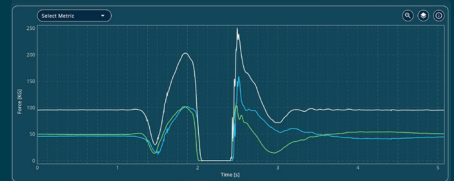
Track the clients progress with daily averages of most relevant metrics mapped over time



Track the clients progress with daily averages of most relevant metrics mapped over time.

Detailed assessment history

Graph



Asymmetries

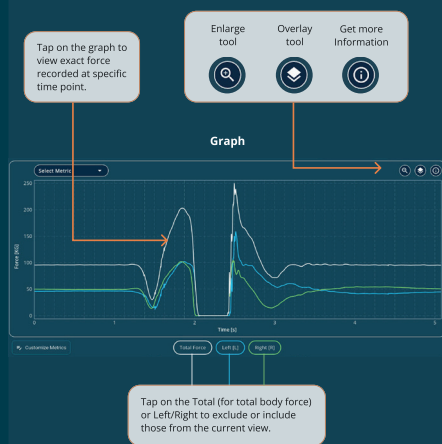


Complete tables of Metrics

Metric	15 Oct	20 Oct	25 Oct	01 Nov
Propulsion	280.00	N/A	N/A	2.00
Peak Force (KG)	202.85	152.33	181.94	5.34
Mean Force (KG)	156.15	86.13	72.82	16.34
Peak Power (W)	4259.88	3786.86	2956.12	22.52
RFD Average (KG/s)	62.819	41.814	25.989	37.99
Impulse (kg*s)	44.05	24.00	20.05	14.44

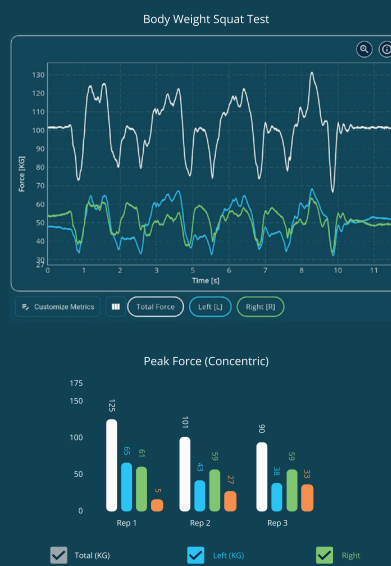
Detailed assessment history provides in-depth insight into a single assessment. It consists of force/time graph, visual and numerical asymmetry results of the most relevant metrics, and finally, for those who prefer numbers, you can find the complete breakdown of the metrics listed in tables.

Force graph



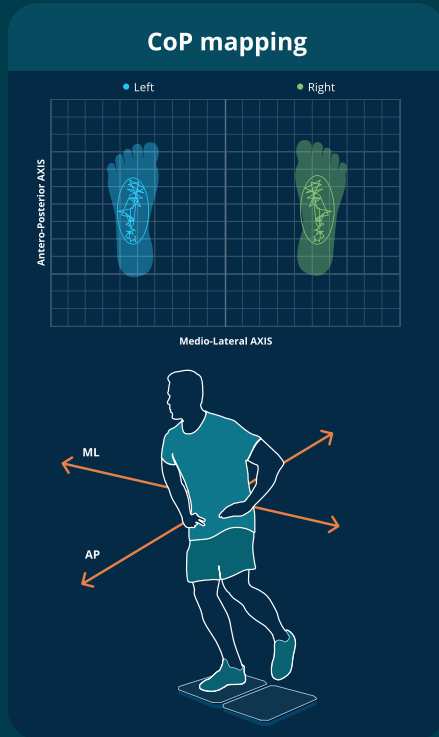
Force/time graph is a visual representation of the signals that each sensor records. It is a fingerprint of clients movement. You can interact with the graph by using tools such as zoom tool, overlay metrics, or include/exclude total body or left vs right.

Multi-rep assessments

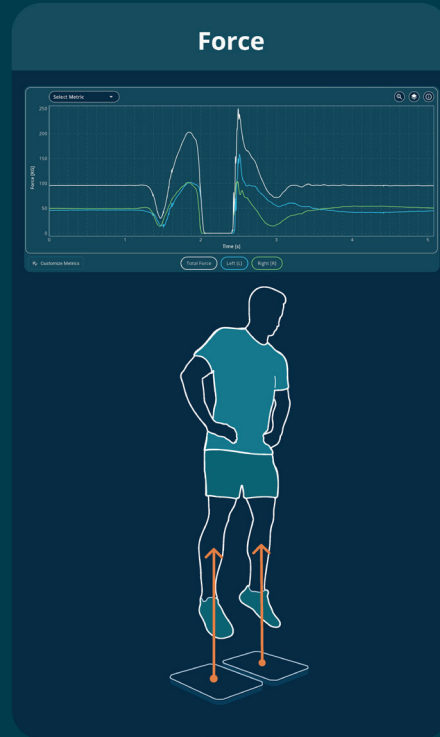


We allow for standard assessments to be performed as multiple repetition assessments, and this reflected on how we display the data. You can view the main metrics mapped within each repetition, with averages of all repetitions displayed on the side as a pop-up.

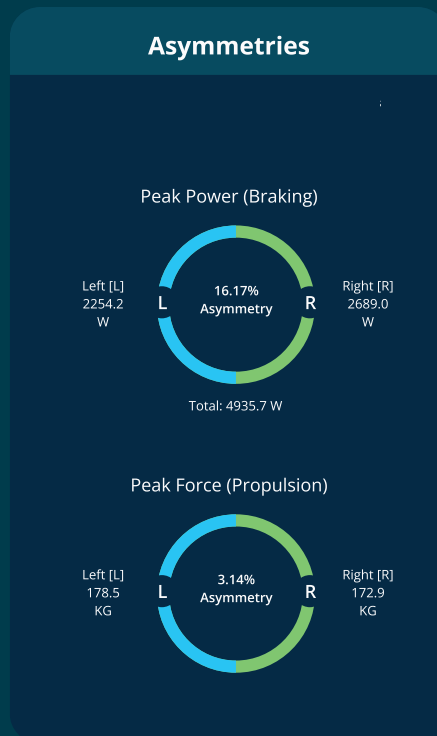
Explore features of the STANDARD PLAN



When assessing balance, we use the Center of Pressure mapping across anteroposterior and mediolateral axis. When assessing the balance, place the feet on center of the plates marked with laser engraved visuals.



EasyBase is a dual or bipedal force plate system. Each force plate contains 4 sensors that record the data in 1D. The sensors are one-dimensional, meaning they only detect vertical ground-reaction force (Fz). The net output is therefore a vertical force signal



Analyze asymmetries in a simple visual way that you clients will understand. Left and right values are presented with asymmetry percentage mapped in the center.



ADVANCED PLAN

Premium

Additional edge from force plate testing – unleash creativity with Free Run, and customize the data to your needs.

FOR WHOM?

Most teams have at least one physio or coach with endless enthusiasm for advanced data who wants to gain deeper insights. The Advanced plan is for them—bringing more flexibility, richer data insights, and customizable analysis options.

The Advanced plan enables precisely that. For example, you can customize the template of the metrics that are reflected in asymmetry field in the

results history, or historical overview of metrics. It enables leaderboard creations, comparisons of individual clients, or comparisons of a single client performance against the group average.

One important feature is the ability to save the free run recording – enabling virtually endless testing options where each coach or physiotherapist can truly test their creativity.

What does the Advanced Plan include?

All features contained within the Standard plan, with additional benefits of:



Access to the Test Battery function:

- Create your own sequence of assessments
- Save all results at once
- Easily analyze the outcome of each test



Customize which metrics and order they are displayed on the results page



Save Free Run tests



Access the Daily Summaries
Generate leaderboards



Client Comparison

- Compare clients using a radar graph for each key metric for all 17 assessments



Group Assessment

- Save time and perform assessments on a list of clients contained within a group



Generate Leaderboard



Access to Ratios & Indices



Advanced group analytics

- Compare one client against a group average
- Track group performance over time
- Generate PDF reports on group performance



Calendar: Manage client bookings

- Automatically connect the assessment to a booking slot, send client reminders and calendar invites, and connect the calendar to your device's calendar



Priority email support

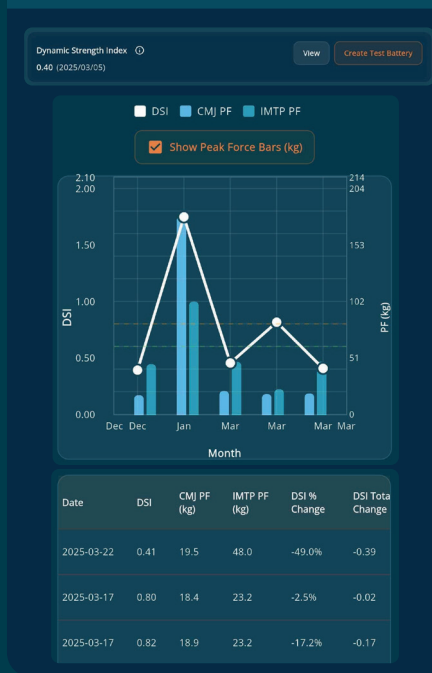
Explore features of the ADVANCED PLAN

Leaderboards



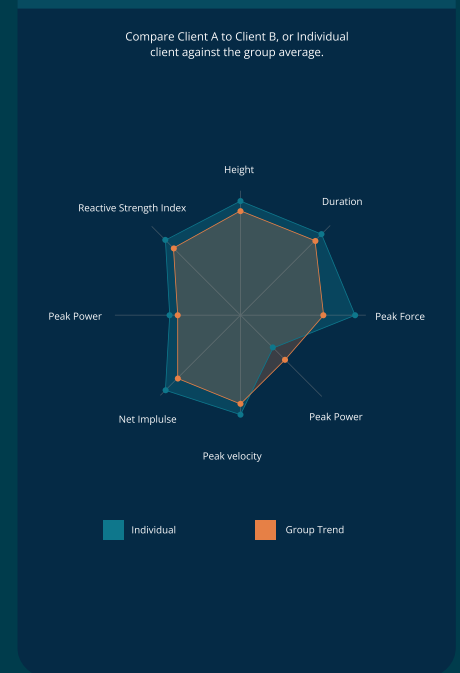
Leaderboards will surely be attractive to athletes. You can generate leaderboards by selecting the clients, specific assessment and metric you want to rank them to.

Ratios & Indices



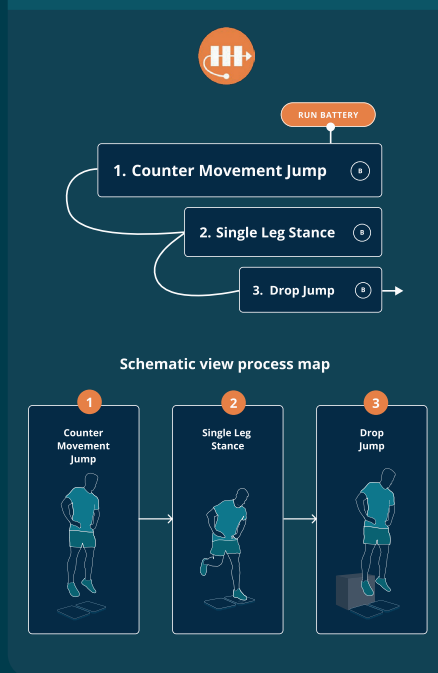
Indices as ratios provide more insight on disproportions in, for example, strength and ballistic movement properties.

Radar Charts



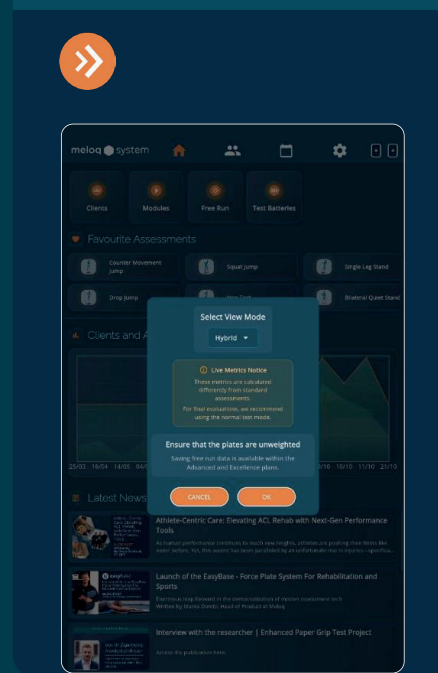
Radar Chart comparison of the data between individual clients or comparison of clients performance against the average of a group.

Battery builder



The Battery Builder allows you to pre-plan your assessment flow for clients of similar characteristics. You can customize test battery so they suit assessment use case, such as, ACL Test Battery. Once the client is ready, automatize the assessment flow and save time.

Free run with live metrics



Unleash the creativity with Free Run mode with live metrics display. Use it for training, or as an immediate biofeedback method. Advanced and Excellence users can enjoy advantage of saving the Free Run data, enabling endless testing options.



EXCELLENCE PLAN

Premium +

Test fast and at scale, Excellence keeps the workflow moving—automatic detection, smart prep, and effortless data access.

FOR WHOM?

Large sports or rehabilitation teams often need seamless and automated testing flows. For those who require large volume testing in a short, limited time, as well as endless data access and analysis options, we structured the Excellence plan.

This plan enables Multiple access points (web, app) to the data for comfortable viewing of the most complex visuals, as well as an enhanced flow with prebuilt and planned assessment sessions and automatic test detection features.

What does the Excellence Plan include?

Features contained within the Standard and Advanced plans, with additional benefits of:



Access to the Meloq System data and profile through the web browser:

- View, analyze, and export measurements
- Import and view clients
- View test history
- Compare clients and their metrics
- View and analyze groups



Calendar preparation

- Prepare bookings by adding assessments and test batteries to the calendar event so they can be performed in sequence when the event starts
- Automatic Test Detection
- Leverage machine learning to automatically identify the type of assessment being performed, ideal for testing multiple clients and assessments in a limited time
- Allows clients to complete multiple tests in a row while the system accurately detects and saves the assessment for each one



Client login access to the Meloq System web app to view their own measurements and data



Video record assessment synced with the graph



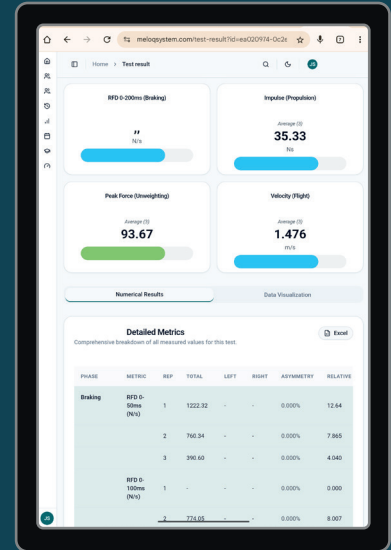
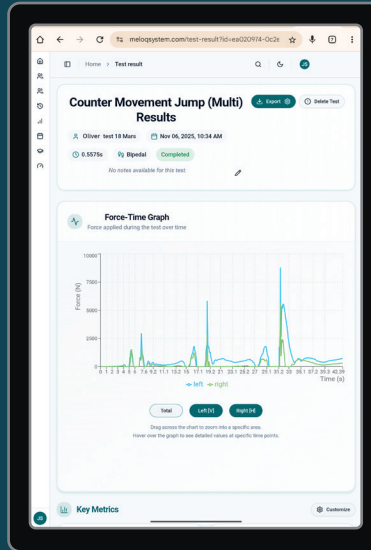
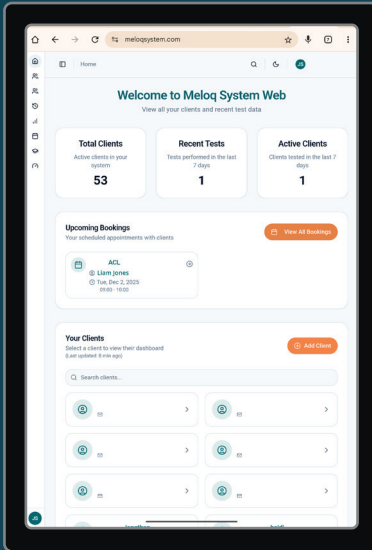
Free quarterly training video call



Complete freedom to create your own assessments (protocol descriptions, steps, instructions)

Explore features of the EXCELLENCE PLAN

Meloq System Web Access



Access to the Meloq System data and profile through the web browser:

- View, analyze, and export measurements
- Import and view clients
- View test history
- Compare clients and their metrics
- View and analyze groups

Video Capture



Besides recording the kinetics of the movement, whether it is isometric assessment, jump, or balance, we are adding an additional important segment to the kinetic data, which is recording of the quality of the movement through video. In this way, you gain complete insight into quantitative and qualitative movement characteristics.

Complete test creation

The 'Custom Assessment' form allows users to create a new test. It includes a 'Description' field, a 'Select View Mode' dropdown (currently set to 'Hybrid'), and a 'SAVE' button.

If you are clinic or sports center owner, head coach or physiotherapists, you will likely want to create your own assessments from scratch. Now, this is made possible through complete assessment creation feature.

Calendar Preparation



Proper planning is the key to any intervention. Calendar preparation feature allows you to pre-plan client visits, organize time the best way possible and run assessments with ease.

EASYBASE FORCE PLATES • THE HARDWARE



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 EasyBase Force Plates together with the Meloq Systems App 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.

Performance-grade hardware with a premium finish

VISUAL AND DISTINGUISHING FROM APP

EasyBase force plates • The product hardware

PORTABLE AND LIGHT

Plate size – carefully selected for comfortable jump testing, simultaneously maintaining the light and compact size for portability.

TOP SURFACE

Marks for foot positioning enhances reliability of testing. The top is made out of sturdy, resilient, yet light aluminum.

DESIGN UPLIFT – CORNER LIGHTS

Corner light indicators – the intensity and the color of the lights are adjustable and will certainly elevate your clinic or sports center.

PLATE WEIGHT

Ideal for professionals on the go, the ones that travel, or the ones that do home client visits.

BUILT TO LAST

Material is resilient and carefully chosen mechanical characteristics of transduction of force from sensors to the ground.



Technical specifications

Specifications product:	EasyBase
Operating Temperature	10° to 45°C 50° to 113° F
Operating time	24 h
Charging time (0-100%)	5 h
Maximum rated force	12000 N (per plate)
Current Frequency	400 Hz 800 Hz 1600 Hz
Accuracy	±1%
Resolution	1 N
Size per plate (LxWxH)	450x325x39,5 mm 17.72x12.79x1.55 inches
Weight per plate	4650 grams 10.25 pounds
Charger length cable	2 m 6.56 feet
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.



EasyBase product box contains:

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

2 year warranty applies to **EasyBase** force plate.

2 YEAR
WARRANTY

Extended warranties

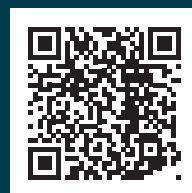
3 YEAR
WARRANTY

5 YEAR
WARRANTY



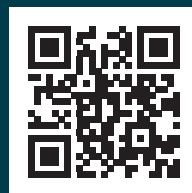
Please contact us if you want to know more and if you would like a demo of the Meloq System App!

Product training



Instructional videos

youtube.com/@Meloq



meloq  **system**

Manufactured by Meloq AB • Brännkyrkagatan 72, Stockholm, Sweden • info@meloq.se • meloqdevices.com