

EASYBASE® FORCE-PLATES

The Meloq Force Plate System is a high-precision platform for measuring force, power, balance and movement mechanics. It captures real-time data on ground reaction forces, center of pressure, jump performance, and weight distribution. Coaches can identify force output, asymmetries, and neuromuscular efficiency with clear, objective metrics. The system supports jump testing, strength assessments, balance analysis, and sport-specific movements. Advanced software turns complex data into easy-to-use insights. It works seamlessly in performance labs, training facilities, and clinical settings. Meloq delivers precise, repeatable measurements for smarter training, rehab, and long-term athlete tracking.

ACCURATE CAPTURE OF FORCE,
POWER, AND BALANCE

REAL-TIME DATA ON JUMPS,
WEIGHT & MOVEMENT

IDENTIFY IMBALANCES &
COMPENSATIONS ANALYSIS

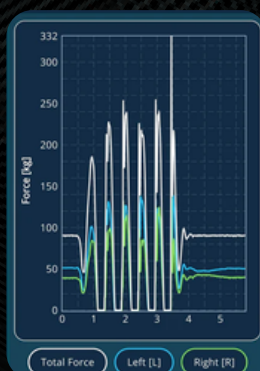
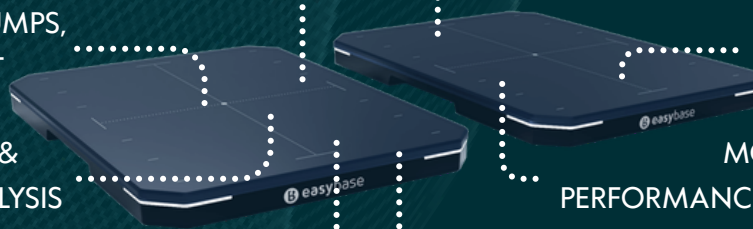
FORCE CAPACITY UP TO 12,000 N
PER PLATE

TRACK POWER, VELOCITY, &
GROUND REACTION FORCES

REHAB & INJURY
PREVENTION

MONITORING FOR
PERFORMANCE IMPROVEMENT

ANODIZED ALUMINUM WITH
LASER-ENGRAVED FOOT MARKINGS



- Force plate technology delivers objective data to guide evidence-based rehabilitation and track progress
- Optional accessories like Jump Guard and Iso-Plate for Isometric Testing

Technical Specifications



System Type

Dual-plate medical-grade force plate system



Plate Size

450 × 325 × 39.5 mm



Weight per Plate

4.65 kg



Max Load Capacity

12,000 N per plate



Measurement Accuracy

± 1%



Sampling Rate

Up To 1600 Hz



Wireless Connectivity

Via Bluetooth



Battery Runtime

Up to 24 hours, charging – 5 hours



Assessment Tests

Supports 17 assessment tests across jumps, balance, isometric



Companion App

Real-time data, reports and raw data



We are a complete solution provider for all your Sport Science, Biomechanics, SnC, Physiology, Data Management, Data Analysis, & High Performance Management needs. We are your partners in excellence!

Get in Touch...!

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✉ sales@medevice.co

☎ +91 94056 60000 /+91 75881 34567

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Force Plate
System Video

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