



Force Measurements
Made Accurate and Easy



Quantifying Muscle Force Production

The treatment of musculoskeletal problems is often time-limited due to the never-ending drive towards more efficient and profitable business. Muscle function, biomechanics and treatments remain fairly consistent in requiring restoration of range of motion, muscle strength and postural alignment. The increased demand to quantify the effectiveness of treatments adds an additional burden during time constrained in-clinic appointments. EasyForce is a novel and effective tool for the measurement of muscle force production which contributes to the work of movement professionals, making assessments easier than ever. The device allows practitioners to perform objective, reliable, and quantifiable muscle testing measurements in-clinic thereby reducing the need for subjective measures as well as providing valuable data to aid in the design of treatment plans.

EasyForce Advantages

Hands-free measurement

EasyForce allows for hands free muscle testing as it can be anchored to fixed points. This removes the therapists body from the equation thus reducing the risk of therapist injury when excessive muscle force is present, such as would be the case when performing lower limb testing of athletes.

Patient Motivation

The unique display empowers the therapist with a visualized measurement to clearly quantify the patients status thus increasing their motivation to comply with the treatment plan.



Accurate

EasyForce is accurate to within 1% of the reading

Multi-value readings

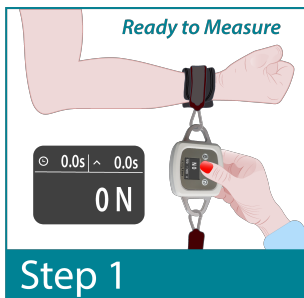
The unique EasyForce display provides multiple values to be used in the diagnosis of muscle issues including peak force, average force, time to peak force and time under tension.

Fast results

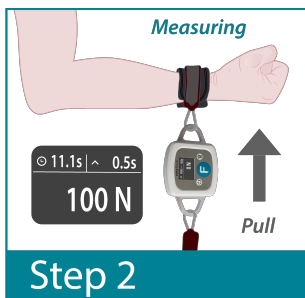
Measurements are visible in real time on the screen with complete results displayed when measurement ends.



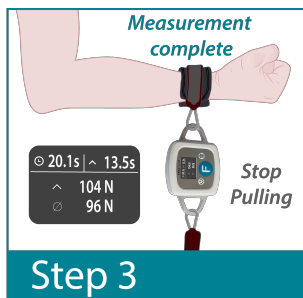
How to measure with EasyForce



Press the measurement button to enter measurement mode.



Start the measurement by either pressing the button again or by having the patient produce force.



The measurement will stop once the patient stops producing force or when the button is pressed once more.



Press the measurement button one last time to return to the history view where the last four measurements are shown.

Product Specifications

Delivered in a practical carry case including:

- Sensor Unit
- USB Charger with cable
- Carabiners x2
- Instruction for use

Standard attachments (sold separately)

- Wrist/ankle strap
- Handle attachment

Measurement Units: Kg, Lbs, N

Results displayed: Peak force, average force, time to peak force and time under tension.

History storage: 4 measurements

Charge time: 2 hours

Usage time: 2 weeks (18 minutes usage/day)

Stand-by time: 12 weeks

Sensor accuracy: $\pm 1\%$ accuracy

Regulatory Status: Medical device class 1 (EU)



- Efficient Workflow
- Accurate within 1%
- Free Handed Use
- Encourages patient success
- Time saving

