Muscle Testing Technology that Fits in the Palm of your Hand

The wireless microFET2 Digital Handheld Dynamometer is an accurate, portable Force Evaluation and Testing (FET) device. It is designed for taking objective, reliable, and quantifiable muscle testing measurements. It is a modern adaptation of the time-tested art of hands-on manual muscle testing. The microFET2 aids in diagnosis, prognosis, and treatment of neuromuscular disorders.
microFET® 2 Muscle Test Dynamometer

**Features**
- Ergonomic design allows microFET2 to fit comfortably in the palm of the hand
- Weighs less than 1 pound
- Easy to read LCD displays show peak force and elapsed time
- 300 lb. force capacity
- Low and high threshold setting provide expanded sensitivity
- 3 easy to change test attachments with pads
- Use as standalone device or wireless with available clinical patient testing software or data collection software.

**Specifications**
- Measurement range 0-300 lbs force
- Selectable units of measure: pounds (lbs.), Newtons (N), or kilogram-force (kgf)
- Accuracy within 1% of reading
- Two threshold settings for muscle testing: Low Threshold – 0.8 lb. to 300 lbs. in 0.1 lb. increments and High Threshold – 3.0 lbs. to 300 lbs. in 0.1 lb. increments.
- Stores up to 30 tests
- Uses rechargeable lithium ion battery
- Self-activating “sleep” mode after three minutes to extend battery life

**Your Purchase Includes**
- microFET2 device
- 3 Test attachments - flat transducer pad, curved transducer pad, digit transducer pad
- User manual
- Calibration certificate
- Wall pack power supply
- Carrying case
- 1 Year standard warranty included, with extended warranties available
- Optional clinical or FET data collection software available
- Available muscle test positions wall chart and test record forms to print can be downloaded from the website.
- Product Warranty: Warranty registration can be completed online from website.

*Evaluation tools to measure, objectify and document human performance*

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MUSCLE TESTING POSITIONS

Diagrams indicate muscle tests with transducer placement, proper positioning and stabilization for test.

SHOULDER FLEXION
Tested Individual: Supine
Shoulder Position: Flexed 90 degrees
Dynamometer Position: Just proximal to elbow

SHOULDER EXTENSION
Tested Individual: Supine
Shoulder Position: Flexed 90 degrees
Dynamometer Position: Just proximal to elbow

SHOULDER ABDUCTION
Tested Individual: Supine
Shoulder Position: Abducted 90 degrees
Dynamometer Position: Just proximal to elbow

SHOULDER EXTERNAL ROTATION
Tested Individual: Supine
Shoulder Position: Abducted 45 degrees
Elbow Position: Flexed 90 degrees
Dynamometer Position: Just proximal to wrist

SHOULDER INTERNAL ROTATION
Tested Individual: Supine
Shoulder Position: Abducted 45 degrees
Elbow Position: Flexed 90 degrees
Dynamometer Position: Just proximal to wrist

FOREARM PRONATION
Tested Individual: Supine
Elbow Position: 90 degrees
Dynamometer Position: Against dowel 20cm from dowel held in hand

FOREARM SUPINATION
Tested Individual: Supine
Elbow Position: 90 degrees
Dynamometer Position: Against dowel 20cm from dowel held in hand

WRIST EXTENSION
Tested Individual: Supine
Elbow Position: 90 degrees
Dynamometer Position: Just proximal to metacarpal phalangeal joints of hand

ELBOW FLEXION
Tested Individual: Supine
Elbow Position: 90 degrees
Dynamometer Position: Just proximal to wrist

ELBOW EXTENSION
Tested Individual: Supine
Elbow Position: 90 degrees
Dynamometer Position: Just proximal to wrist

HIP FLEXION
Tested Individual: Supine
Hip Position: Flexed 90 degrees
Dynamometer Position: Just proximal to femoral condyles

HIP ABDUCTION
Tested Individual: Supine
Hip Position: Extended & abducted 0 degrees
Dynamometer Position: Just proximal to lateral knee joint line

HIP EXTENSION
Tested Individual: Supine
Lower Limb Position: Knee extended with distal limb supported on block
Dynamometer Position: Just distal to malleoli on Achilles's tendon.

KNEE FLEXION
Tested Individual: Sitting
Lower Limb Position: Hip & knee flexed 90 degrees
Dynamometer Position: Just distal to malleoli on a Achilles tendon.

KNEE EXTENSION
Tested Individual: Sitting
Lower Limb Position: Hip & knee flexed 90 degrees
Dynamometer Position: Just proximal to malleoli on a Achilles tendon.

ANKLE DORSIFLEXION
Tested Individual: Supine
Lower Limb Position: Knee extended & ankle in neutral dorsiflexion
Dynamometer Position: Just proximal to metacarpal phalangeal joints

ANKLE PLANTARFLEXION
Tested Individual: Supine
Lower Limb Position: Knee extended & ankle in neutral dorsiflexion
Dynamometer Position: Over metacarpal phalangeal joints