BASELINE® EVALUATION INSTRUMENTS

Wrist Evaluation Sets

Instruction Manual

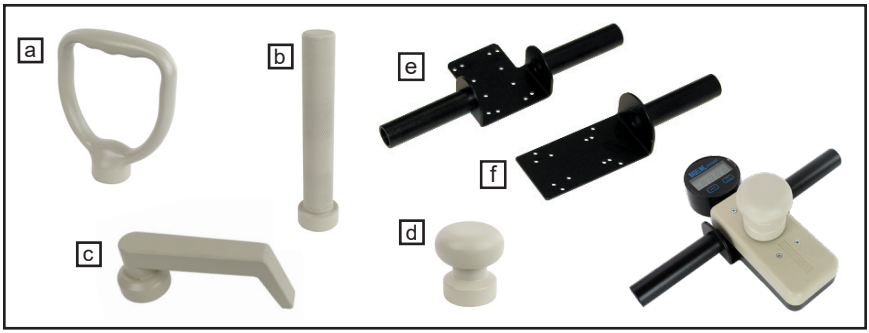
REF 12-0114, 12-0115

Intended Purpose

The Baseline® wrist evaluation set is a medical/therapeutic device designed to measure wrist muscle strength (during flexion, extension, abduction, adduction, supination, and pronation) and range of motion for wrist assessment and evaluation.

About the Baseline® Wrist Dynamometer

- Simply and accurately measures the strength of the wrist muscles during flexion, extension, abduction and adduction and the forearm muscles during supination and pronation.
- The Baseline® wrist/forearm dynamometer features the time proven hydraulic system used in the industry accepted
- Baseline® and Jamar® hand dynamometers.
- For hand held use, the dynamometer can accommodate the
- Baseline® single-grip and dual-grip handle.
- Maximum reading remains until the unit is reset.
- The strength reading can be viewed as pounds or kilograms.
- Comes with portable carrying case.
- Made in USA with a 1-year manufacturers warrantee.
- CE certified.



Baseline® wrist/forearm dynamometer

- Includes door knob grip and case.

12-0250 analog (dial) readout

12-0251 digital (LCD) readout

Measurement accessories

- Measurement accessories easily snap on and off.

12-0261	[d]	door knob grip	[supination / pronation]
12-0262	[a]	shovel handle	[supination / pronation]
12-0263	[c]	lever handle	[abduction / adduction]
12-0264	[b]	rod/pipe grip	[flexion / extension]
12-0385	[e]	single grip handle	
12-0389	[f]	dual grip handle	
12-0266		table-mount bracket	

USAGE

Snap appropriate grip into the wrist dynamometer body to secure unit for test. hold unit either by grasping the dynamometer body, or using a single or dual grip handle. Set max indicator to zero. Have patient twist grip with maximum force, note reading. Re-set to zero for next test.

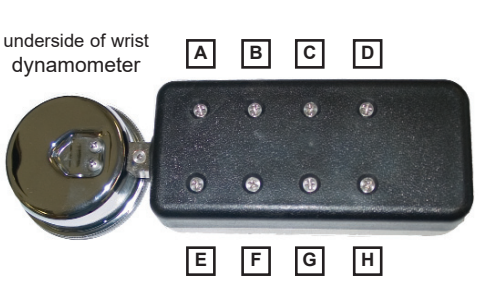
CALIBRATION

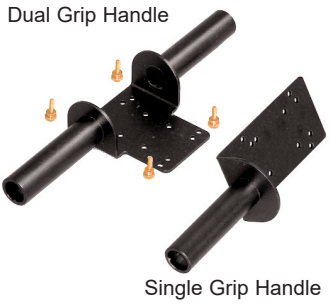
The Baseline® wrist dynamometer is a sealed unit and calibrated at the factory. However, if indicator needle is out of “zero-range” it may be reset. Remove clear cover by turning counter clockwise. Adjustment pin located by 220Kg marking. Turn pin to reset to zero. If unit is leaking hydraulic fluid it should be returned to factory for repair and recalibration.

WARRANTY

The Baseline® Hydraulic Wrist Dynamometer is warranteed for 1 (one) full year (parts and labor) from date of purchase. If unit needs repair contact your local dealer or Fabrication Enterprises, Inc.

HOW TO INSTALL HANDLES





Single Grip Handle:

1. Remove screws “D” and “J”
2. Position single grip handle and apply 2 thumb screws to connect the handle to the openings at “D” and “H”

Dual Grip Handle:

1. Remove screws “A” “D” E” and “H”
2. Position dual grip handle and apply 4 thumb screws to connect the handle to the openings at “A” “D” “E” and “H”

Pronation / Supination Wrist Inclinometer (12-0502)

- Baseline® wrist inclinometer measures range of motion of the wrist along all axes.

How to use

- Ensure that the handle attachment is securely fastened in the middle of the inclinometer base directly under the center of the dial.

1. (patient) Position arm and grip handle as instructed by therapist. Front of Dial (side with alternate-zero rotators) should face therapist.
2. (therapist) Stabilize patient's arm if necessary.
3. (therapist) Rotate dial to set "zero" to initial inclination.
4. (patient) Rotate wrist to either side as instructed by therapist.
5. (therapist) Note the maximum inclination achieved during trial. The maximum inclination is the range of motion measurement.

Baseline® wrist evaluation sets

- Includes (1) wrist dynamometer (analog or digital) and (1) pronation / supination wrist inclinometer

12-0114 analog wrist set: includes 12-0250 and 12-0502

12-0115 digital wrist set: includes 12-0251 and 12-0502

Tolerances:

The hydraulic wrist dynamometer is tested for accuracy at 50, 100, 200, 250, 300, 400, 450 and 500 lbs. TOLERANCES (Based on 3% through 1st 1/4 of range, 2% through 2nd and 3rd 1/4 of range and 3% through 4th 1/4 of range).

The digital hydraulic wrist dynamometer is tested for accuracy at 50, 100, 200, 250, 300, 400, 450 and 500 lbs. TOLERANCES (Based on 1% through entire range).

The pronation/supination inclinometer measures inches and centimeters with a tolerance of ±0.04 inches (±1 millimeter) and degrees with a tolerance of ±1 degree.

⚠ WARNING:

- Ensure proper hand position and posture during testing
- Clean grip surfaces between patients
- Do not exceed maximum force capacity
- Stop testing if patient reports pain
- Store in protective case when not in use
- Inspect for damage before each use
- Keep moving parts clean and free of debris
- Check hydraulic system for leaks

Disposal Method

Dispose of item in accordance with the local/regional/national/international regulations.

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