

Baseline[®] retractable monofilament evaluator



About The Test

Monofilament testing provides a non-invasive evaluation of cutaneous sensation level with objective and repeatable results

Use Instructions

1. Instruct the patient on the testing procedure.
2. You may use screening forms to record results. Highlight any areas on calluses, abrasions, scarring or other blemishes by drawing them on the screening form.
3. Rest patient's extremity on a stable, padded surface. Make sure patient cannot see the filament being applied during the test.
4. While testing, proceed from distal to proximal and from small to large monofilaments.
5. Have patient indicate when stimulus is felt.
6. **For the hand**, test the palmar surface of the index finger and thumb for median nerve function; test the little finger and hypothenar eminence for ulnar nerve; test the dorsum of the hand for radial nerve (*figure 1*). **For the foot**, test the sites indicated in *figure 2*.
7. While holding the handle, push the filament at a 90° angle against the skin until the filament bows. Hold in place for 1.5 seconds and then remove. For monofilament 4.08 apply the monofilament in the same location up to 3 times to elicit a response. A single response indicates a positive response. For monofilaments 5.07 and 6.10, apply the stimulus once.
8. When testing with the 3-piece kit, begin with the 4.08 monofilament. If patient responds to stimulus at all sites, normal cutaneous sensation can be documented. If patient does not respond to a stimulus, choose next largest monofilament and repeat.
9. When testing with 5.07 only, follow instructions 1 through 7. Apply the 5.07 to the foot test sites shown in *figure 2*. Record a ✓ to indicate sensation and ✗ to indicate lack of sensation on each site.

figure 1 (hand)

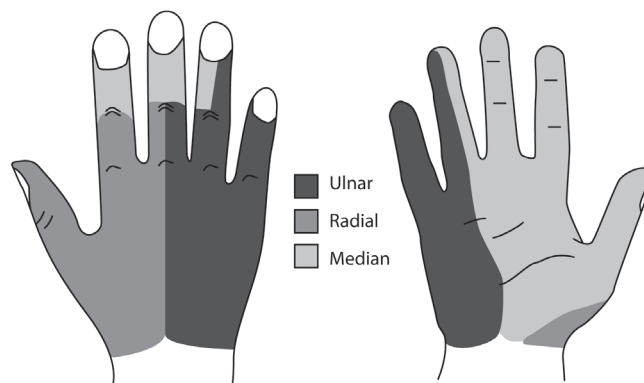
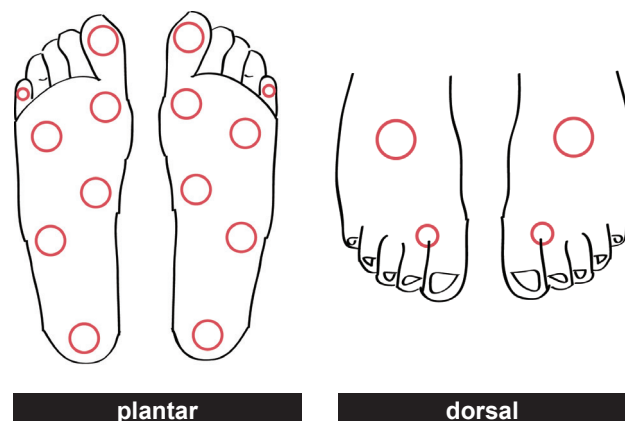


figure 2 (foot)



Cleaning and Maintenance

Monofilaments are precision instruments. Care should be taken to protect the integrity of the nylon filament. The filament may be cleaned with a mild instrument disinfectant.

Fully retract and "click" monofilament into handle for storage to prevent monofilament damage. Substantially bent or kinked monofilaments must not be used for testing and should be discarded.

evaluator size and force chart

SKU	Evaluator Size	Target Force grams	Hand & Dorsal Foot Threshold	Plantar Foot Threshold
12-1390	4.08	1.0	diminished protective sensation	diminished light touch
12-1391	5.07	10.0	loss of protective sensation	loss of protective sensation
12-1392	6.10	100.0		

set

SKU	set
12-1393	3-piece: 4.08 (1.0gm), 5.07 (10.0gm), 6.10 (100.0gm)