



Von Frey Hairs (with grid)

Cat. No. 37450-277

Hypersensitivity

Touch Threshold

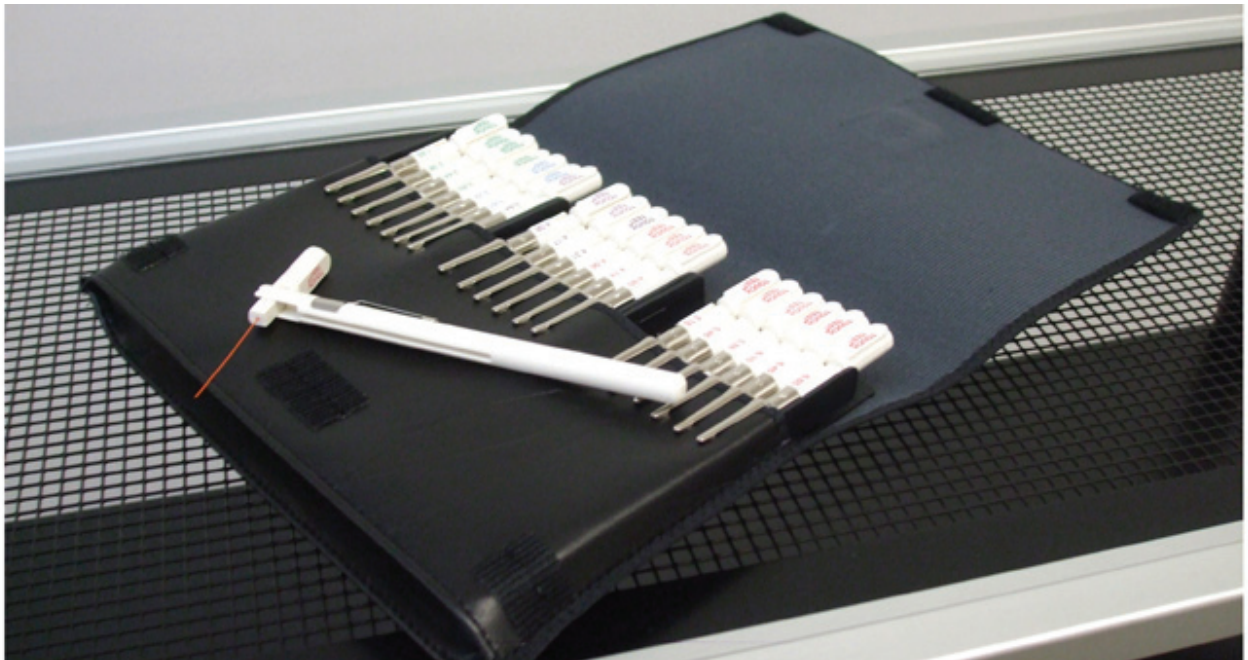
**Semmes Weinstein
Von Frey Filaments
for Touch Assessment**

General

This set of 20 monofilaments is based on the Semmes Weinstein monofilament set, **but now features retractable filaments** to protect the filament and allow the evaluator to carry a few around in a pocket.

The Semmes Weinstein set of monofilaments provide an approximately logarithmic scale of actual force, and a linear scale of perceived intensity. They have a long history of effective use in clinical settings, and can be used to diagnose pathologies of hyper- or hypo-aesthesia.

Subsets within the set of 20 probes distinguish pathologies on different parts of the body (foot, hand, lip, cheek, etc.).



Main Features

- 20 Filament Kit
- Graded Series of Monofilament Nylon
- Easy to apply, flip-cap design protects tips

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The operating principle remains the same: when the tip of a fiber of given length and diameter is pressed against the skin at right angles, the force of application increases as long as the researcher continues to advance the probe, until the fiber bends.

After the fiber bends, continued advance creates more bend, but not more force of application.

This principle makes it possible for the researcher using a hand held probe to apply a reproducible force, within a wide tolerance, to the skin surface.

Rodents exhibit a paw withdrawal reflex when the paw is unexpectedly touched. The Touch Test™ Sensory Evaluator can be used on the Plantar surfaces of the foot of a rat or mouse, and the animal will indicate sensation by pulling back its paw.

Replacement filaments available.

Accessories

Perforated metal shelf, a 34 x 14 inch shelf for testing with von frey filaments. Laser-cut perforations form a mesh-like open grid of square holes ~5X5 mm.

Intervening metal grid is ~1mm wide, comfortable to the animal and easy to view the target area of the paw.

The shelf is coated with a polymer resin that is easy to clean and which will not be spoiled by fluids or waste materials Mount the self on the wall, or use the base & columns as a testing platform.

Ordering Information

1277 Von Frey Kit includes all 20 filaments

Optional Equipment

1278 Testing Shelf for Von Frey tests

1279 Base & Columns optional shelf platform

