

The PinPrick Stimulator Set for Quantitative Sensoric Testing (QST)

Description

The PinPrick stimulators are used for quantitative sensoric testing (QST) of pain and perception thresholds. They allow a reproducible measurement and documentation of nociceptor activation of the skin. Thus, they enable a better diagnostic of symptoms of neuropathologic pain that are connected e.g. with chronic pain.



A complete PinPrick stimulator set includes

7 PinPrick punctate needles	8, 16, 32, 64, 128, 256, 512 mN
Brush	200-400 mN
Cotton wool on elastic strip	≈100 mN
Cotton bud	3 mN
Metronome for wind-up measurements	
User manual with test certificate	

Standardisation

The stimulators are based on the developments of Prof. Rolf-Detlef Treede and Dr. Walter Magerl at the Universities of Mainz and Mannheim, Germany. They are used by members of the German Research Network on Neuropathic Pain (DFNS) and validated by the European Federation of Neurological Societies.

Features

- The stimulators' tips have a flat contact area of 0.25 mm in diameter with an approved edge curvature.
- All forces are calibrated to ensure reproducible measurements.
- The stimulators enable a fast and safe application in clinical routine
- The stimulation levels are independent of the user
- The stimulators can be used without damage to skin tissue

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Complete set

Total quality management according to ISO 13485.



Works in progress.
Subject to change without prior notice.