Hand grip dynamometer **KERN MAP**

Force measurement for medical applications



Your KERN specialist dealer:

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MEDICAL SCALES 2014

PROFESSIONAL CARE

Hand grip dynamometer **KERN MAP**









Features

- Especially suitable for use in rehabilitation centres for determining manual clamping force
- There are four measuring methods, which for example, as part of a rehabilitation program, help the medical staff to monitor the fitness of the patient's hands and carry out controlled training:
  - Real time mode: immediately shows the client's current strength
  - Peak/Max mode: shows the maximum strength of a client's grip
  - Average mode: Calculates the average strength from two grips
  - Counting mode: Counts the number of presses which exceed a previously defined strength limit
- Designed to reveal reduced hand strength and the risk of morbidity which results from this, for aging people or to expose malnutrition, for example, during chemotherapy or similar treatments
- Safe, comfortable use thanks to non-slip rubber grips
- Integrated AUTO-OFF function after 1 minute to preserve the batteries
- Weight displayed in kg or lb
- 1 MAP 80K1S: Special version for children: The small handle depth means that the handles can still be gripped ergonomically, particularly by the small hands of infants
- MAP 130K1: Special version for body builders: Its design and extended measuring range mean that it offers additional capacity, which can accommodate the higher fundamental force exerted by body builders
- 2 Exchangeable springs facilitate fast switching of the capacity (additional spring sets are included with delivery). The varying rigidity of the individual springs makes the hand grip dynamometer ideal for a wide variety of patient groups, e. g. children or senior citizens or in sports medicine
- 3 Stable case for safe, easy transport and for storage of the additional spring sets, standard, WxDxH 350x265x85 mm

Technical data

- LCD display, digit height 12 mm
- Batteries included, CR2450, operating time up to 53 h
- Net weight approx. 0.3 kg

STANDARD

UNIT BATT 1 DAY 2 YEARS WARRANTY

Model KERN	Weighing range [Max] kg	Readout [d] kg	Spring sets kg	Overall dimensions WxDxH mm		Option ISO Calibr. Certificate ISO KERN	
MAP 80K1S	80	0,1	10, 20, 40, 80	55x88x212		961-167	
MAP 80K1	80	0,1	20, 40, 80	55x102x212		961-167	
MAP 130K1	130	0,1	40, 80, 130	55x102x212		961-167	

Pictograms:

UNIT **Weighing units:** Can be switched to e. g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.

BATT **Battery operation:** Ready for battery operation.The battery type is specified for each device.

DAYS **Package shipment:** The time required to manufacture the product internally is shown in days in the pictogram.

2 YEARS WARRANTY **Warranty:** The warranty period is shown in the pictogram.