

# KERN MPN 300K-1LM

Professional integratable personal scales for wireless transfer of weighing data to the EMR or EHR systems – also for overweight patients in the obese category



Conformity assessment possible ex works	✓
Approved as a medical device	✓

## Display

Display type	LCD
Display type	LCD
Display screen size	100×40 mm
Display backlight	no
Display digit height	25 mm
Languages of the user interface	Symbol language

## Construction

Dimension display device (W×D×H)	210×54×100 mm
Dimensions weighing platform (W×D×H)	400×500×120 mm
Material display housing	Plastics
Material housing	ABS plastic
Material weighing plate	steel, lacquered
Material platform	cast aluminium, plastic
Dimensions weighing surface (W×D)	402×502 mm
Cable length	1,8 m
Display device cable length	1,8 m
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Wall mount	✓

## Functions

Number of keys for operation	6
Auto-off interval(s) in mains power mode	off selectable 3, 5, 15, 30 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min selectable 15 min
Tare function	manual (single & multi)
Hold function	✓
Function for BMI calculation	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Interfaces	RS-232 (optional) Bluetooth (optional) WiFi standard Alibi memory (optional,

## Category

Brand	KERN
Product category	Medical scale
Product group	Personal floor scale
Product family	MPN

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Resolution	3.000
Linearity	± 0,1 kg
Reproducibility	0,1 kg
Tare range	300 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	2 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Loadcell type	DMS

## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg

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	factory) USB-Device (optional) KUP
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	IP65

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery function (battery not included)
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight off	48 h
Battery	6×1.5 V AA
Battery / accumulator type	Alkali(-Manganese) Li-Ion
Battery connection	Battery insert
Battery operating time	20 h

## Environmental conditions

Humidity of environment [Min]	5 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	600×500×200 mm
Net weight	11,63 kg
Shipping method	Parcel service
Net weight approx.	12 kg
Gross weight approx.	15 kg
Shipping weight	14,36 kg

## Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-129
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

