

# KERN MTA 400K-1M

# KERN

Sturdy handrail scale for a secure feeling during weighing – with approval for professional medical use in medical diagnostics, verification optional



## Category

Brand	KERN
Product category	Medical scale
Product group	Standing aid scale
Product family	MTA

## Measuring System

Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 400 kg
Readability [d]	0,1 kg; 0,2 kg
Resolution	3.000, 2.000
Linearity	± 0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Tare range	-399,8 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	2 kg; 4 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	400 kg (M1)
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,1 kg; 0,2 kg

## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 0,2 kg
Conformity assessment possible ex works	✓

Approved as a medical device ✓

## Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	5 mm
Display digit height	25 mm
Languages of the user interface	Symbol language

## Construction

Dimension display device (W×D×H)	200×55×128 mm
Dimensions weighing platform (W×D×H)	780×680×68 mm
Dimensions completely mounted (W×D×H)	780×680×1100 mm
Material display housing	Plastics
Material housing	steel, lacquered
Material weighing plate	steel, lacquered
Dimensions weighing surface (W×D)	600×600 mm
Transport safety lock - bolt torque	0,1 Nm
Transport wheels	✓
Stand height	940 mm

## Functions

Number of keys for operation	7
	3 min
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 30 min 15 min
Tare function	manual (single & multi)
Hold function	✓
Function for averaging under unstable weighing conditions	✓
Function for BMI calculation	✓
Interfaces	RS-232 standard

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
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 CH

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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	40 h
Battery	6×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
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)	2 d
Dimensions packaging (W×D×H)	900×876×1375 mm
Net weight	40,02 kg
Shipping method	Freight
Net weight approx.	42 kg
Gross weight approx.	65 kg
Shipping weight	216,8 kg

## Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for conformity assessment	965-130
Article number for DAkkS calibration	963-130
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

