

KERN MTA 400K-1M



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

Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 400 kg
Readability [d]	0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Linearity	± 0,1 kg; 0,2 kg
Minimum weight [Min]	2 kg; 4 kg
Conformity assessment possible	✓
Resolution	3.000, 2.000
Tare range	-399,8 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
Units (if device is conformity assessed)	kg
Construction type of the scale	Multi-range balance
Units	kg
Default unit	kg

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
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Construction

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

Functions

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

Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Power supply & battery function (battery not included)
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable

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Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	6×1.5 V AA
Battery operating time	20 h
Rechargeable battery	MBC-A08
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	40 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 0,2 kg
Approval in accordance with 2017/745 (MDR, med.)	✓

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	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	900×876×1375 mm

Shipping method	Freight
Net weight approx.	42 kg
Gross weight approx.	65 kg
Shipping weight	216,8 kg

Product information

GTIN/EAN number	4045761193017
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

