

KERN MTA 400K-1M

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



Verification scale interval [e] 0,1 kg; 0,2 kg

Conformity assessment possible ex works ✓

Approval according to 93/42/EEC (med.) ✓

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 function (battery not included)

Category

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

Measuring System

Conformity assessment possible	✓
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	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III

KERN MTA 400K-1M



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

Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO UK 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

