

KERN FFN 1K-4NM

All-round bench scale, protected by stainless steel and IP65 rating, verification optional



Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,0005 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	243×300×127 mm
Dimensions completely mounted (W×D×H)	243×300×127 mm
Material housing	stainless steel, plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	233×193 mm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

Functions

Number of keys for operation	3
Auto-off interval(s) in mains power mode	3 min off 5 min 15 min
Tare function	manual (multi)
Underfloor weighing	None
IP protection - complete device	IP65

Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Accu & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH

Category

Brand	KERN
Product category	Industrial scale
Product group	IP protected bench scale
Product family	FFN

Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	1,5 kg
Readability [d]	0,0005 kg
Resolution	3.000
Linearity	± 0,0005 kg
Reproducibility	0,0005 kg
Tare range	-1,4995 kg
Default unit	kg
Units	kg g
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,01 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1,5 kg (M1)
Possible calibration points	1,5 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Loadcell type	aluminium IP65 silicone-coated

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Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery	no battery
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

Humidity of environment [Min]	25 %
Humidity of environment [Max]	95 %
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)	310×402×205 mm
Net weight	3,85 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	5,1 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for conformity assessment	965-227
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

