

KERN FFN 1K-4NM

KERN

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



Category

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

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	1,5 kg
Readability [d]	0,0005 kg
Reproducibility	0,0005 kg
Linearity	± 0,0005 kg
Minimum weight [Min]	0,01 kg
Resolution	3.000
Tare range	1,4995 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
Units (if device is conformity assessed)	kg g
Construction type of the scale	Single-range balance
Units	kg g
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓
Display segments	5
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
Dimensions weighing surface (W×D)	233×193 mm
Dimensions weighing surface	233×193 mm
Material housing	stainless steel, plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓

Functions

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

Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
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
Input voltage power supply / power [Max]	110 V - 230 V AC
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 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb

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Battery	no battery
Battery connection	Plug-in terminals
Battery – Individual weight	680 g
Rechargeable battery	WTB-A01N
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	25 %
Humidity of environment [Max]	95 %
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]	0,0005 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	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	310×402×205 mm
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	5,1 kg

Product information

GTIN/EAN number	4045761150799
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

