KERN **FOB 3K-4NL**

Stainless steel bench scale with large weighing ranges and IP65 protection against dust and water spray



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Stainless steel bench scale
Product family	FOB-NL

Measuring System	
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	3000 g
Readability [d]	0,2 g
Reproducibility	0,2 g
Linearity	± 0,6 g
Resolution	15.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Possible calibration points	3 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	1 g
Construction type of the scale	Single-range balance
Units	g lb
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g
Default unit	g
Warm-up time	30 min

Display	
Display type	LCD
Display backlight	no
Display digit height	25 mm

Construction	
Dimension housing (W×D×H)	285×255×90 mm
Dimensions weighing surface (W×D)	252×200 mm
Dimensions weighing surface	252×200 mm
Material housing	stainless steel
Material weighing plate	stainless steel

Functions	
IP protection - complete device	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
Tare function	manual (multi)

Power Supply	
Supplied power supply	Battery
Plug-in power supply / adapter for countries - included with the delivery	EURO CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	15 V, 500 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø inside 2,1 mm, Ø outside 5,5 mm, long 12 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	48 h
Battery capacity	2.700 mAh
Battery voltage	12 V
Battery – Number of cells	4
Battery – Individual weight	22,6 g
Battery – Total weight	90,4 g
Battery capacity (Wh)	4,05 Wh
Battery – Lithium content	0 g

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Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humity of environment [Min]	25 %
Humity of environment [Max]	95 %

Services (optional)

Article number for adjustment at the location of installation	961-247
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)	420×350×175 mm
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	4,4 kg
Shipping weight	5,1 kg
Shipping volume weight	5,1 kg

Product information

GTIN/EAN number	4045761214361
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

