

KERN FOB 7K-4NL

KERN

Stainless steel bench scale with large weighing ranges and IP67 protection against dust and water spray



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	2
Weighing capacity [Max]	5000 g; 7500 g
Readability [d]	0,5 g; 1 g
Reproducibility	0,5 g; 1 g
Linearity	± 1,5 g; 3 g
Resolution	10.000, 7.500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Possible calibration points	5 kg
Stabilization time	2 s
Warm-up time	30 min; 30 min
Eccentric loading at 1/3 [Max]	1,5 g; 3 g
Construction type of the scale	Multi-division balance
Units	g lb
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Default unit	kg

Display

Display type	LCD
Display backlight	✓

Display digit height	25 mm
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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

Underfloor weighing	None
IP protection - complete device	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Battery
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO UK 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 - backlight on	48 h
Battery operating time - backlight off	66 h
Battery operating time	48 h
Battery voltage	6 V
Battery - Individual weight	92 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

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Storage temperature [Min]	-10 °C
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Storage temperature [Max]	40 °C
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Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
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Article number for DAkkS calibration	963-128
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	420×305×180 mm
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Shipping method	Parcel service
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Net weight approx.	3,8 kg
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Gross weight approx.	4,6 kg
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Shipping weight	4,6 kg
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Product information

GTIN/EAN number	4045761161566
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REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION

