KERN **FOB 30K-3NL**

Stainless steel bench scale with large weighing ranges and IP67 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	2
Weighing capacity [Max]	16000 g; 30000 g
Readability [d]	2 g; 5 g
Reproducibility	2 g; 5 g
Linearity	± 6 g; 15 g
Resolution	8.000, 6.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M1)
Possible calibration points	20 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	10 g; 25 g
Construction type of the scale	Multi-division balance
Units	g lb
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g
Default unit	kg
Warm-up time	30 min; 30 min

Display	
Display type	LCD
Display backlight	✓
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	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
Tare function	manual (multi)
Underfloor weighing	None
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 capacity	2.700 mAh
Battery voltage	12 V
Battery – Number of cells	4
Battery – Individual weight	22,6 g

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Battery – Total weight	90,4 g
Battery capacity (Wh)	4,05 Wh
Battery – Lithium content	0 g
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 %
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Services (optional)

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

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	420×305×165 mm
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	4,6 kg
Shipping weight	4,55 kg
Shipping volume weight	4,2 kg

Product information

GTIN/EAN number	4045761161542
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

