

KERN SFE 100K-2NM

KERN

Platform scale with IP65 dust and spray protection, verification optional



Category

Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	SFE

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,05 kg
Reproducibility	0,05 kg
Linearity	± 0,05 kg
Minimum weight [Min]	1 kg
Resolution	3.000
Tare range	149,95 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,05 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

Display

Display type	LCD
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Display backlight	✓
Display digit height	22 mm

Construction

Dimension display device (W×D×H)	195×118×83 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	500×400×127 mm
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Cable length	2,5 m
Display device cable length	3 m

Functions

Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
IP protection - complete device	-
IP protection - display	IP65
IP protection - platform	no IP protection
IP protection - load cell	IP65
Tare function	manual (single & multi)
Number of keys for operation	6

Power Supply

Supplied power supply	Accu & Power supply
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA

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Battery / accumulator type	NiMH
Battery connection	Plug-in terminals
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
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]	0,05 kg

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-229
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	470×800×225 mm
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	13 kg
Shipping weight	16,9 kg

Pictograms

STANDARD



OPTION



FACTORY

