

KERN SFE 100K-2NM

KERN

Platform scale with IP65 dust and spray protection, verification optional



Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,05 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	22 mm

Construction

Dimension display device (W×D×H)	195×118×83 mm
Dimensions weighing platform (W×D×H)	400×300×130 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	steel, varnished
Dimensions weighing surface (W×D)	400×300 mm
Cable length	2,5 m
Display device cable length	3 m
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Wall mount	✓

Functions

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

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply

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
Resolution	3.000
Linearity	± 0,05 kg
Reproducibility	0,05 kg
Tare range	149,95 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	1 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
Loadcell type	aluminium IP65 silicone-coated

Approval

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

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	470×800×225 mm
Net weight	7,7 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	13 kg
Shipping weight	16,9 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 (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

