

KERN EOE 100K-2

KERN

Parcel scales for fast and easy weighing in the office, production, dispatch etc.



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,05 kg
Reproducibility	0,05 kg
Linearity	± 0,1 kg
Resolution	3.000
Tare range	150 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 kg (M2)
Possible calibration points	100 kg
Stabilization time	2,5 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,25 kg
Construction type of the scale	Single-range balance
Units	kg lb PCS
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg

Display

Display type	LCD
Display backlight	✓

Display screen size	115×35 mm
Display digit height	25 mm

Construction

Dimension display device (W×D×H)	235×114×51 mm
Dimensions weighing surface (W×D)	315×305 mm
Dimensions weighing surface	315×305 mm
Dimensions weighing platform (W×D×H)	315×305×57 mm
Material housing	plastic
Material weighing plate	steel, lacquered
Material display housing	plastic
Wall mount	✓
Display device cable length	2 m

Functions

Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	no IP protection
Auto-off interval(s) in battery mode/rechargeable battery mode	off 1 min - 99 min
Auto-off interval(s) in mains power mode	off 1 min - 99 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	9 V, 100 mA

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Power socket for mains adapter	Hollow plug, inside minus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 10 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	100 h

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-249
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)	370×370×150 mm
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	5,0 kg
Shipping weight	4,9 kg

Product information

GTIN/EAN number	4045761192560
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

