

KERN HDB 30K-2XL

KERN

User-friendly hanging scale for rapid, mobile weighing



Display	
Display type	LCD
Display backlight	no
Display digit height	12 mm
Languages of the user interface	English Symbol language

Construction	
Dimension housing (W×D×H)	101×25×107 mm
Dimensions completely mounted (W×D×H)	101×25×211 mm
Dimensions housing - width (A)	101,1 mm
Dimensions housing - depth (B)	25,4 mm
Dimensions housing - height/length (C)	106,9 mm
Dimensions - total height/total length (D)	210,8 mm
Dimensions loop/top - hole diameter (F)	5 mm
Dimensions hook/bottom - thickness (I)	8 mm
Material housing	plastic
Material load hook	steel
Material display housing	Plastics
Material load cell(s)	aluminium
Load cells - number	1

Functions	
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Hold function	✓
IP protection - load cell	IP65
Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Number of keys for operation	3

Power Supply	
Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AAA
Battery connection	Battery insert
Battery operating time	100 h
Battery capacity	1.200 mAh
Battery voltage	1,5 V

Category	
Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HDB

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,02 kg
Reproducibility	0,02 kg
Linearity	± 0,06 kg
Resolution	1.500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg lb N
Internal measuring frequency	5 Hz
Tolerance (% of [Max])	0,5%
Load cell connection	4-wire

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Rechargeable battery operating time - backlight off 100 h

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	90 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
TÜV-tested	✓

Services (optional)

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

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	225×150×70 mm
Net weight	0,239 kg
Shipping method	Parcel service
Net weight approx.	0,25 kg
Gross weight approx.	0,50 kg
Shipping weight	0,5 kg

Pictograms

STANDARD



OPTION

