

KERN HDB 30K-2XL

KERN

User-friendly hanging scale for rapid, mobile weighing



Category

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

Measuring System

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
Load cell connection	4-wire
Eccentric/Off-centre loading is not possible	✓
Construction type of the scale	Single-range balance
Units	kg lb N
Internal measuring frequency	5 Hz
Tolerance (% of [Max])	0,5%
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg

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	plastic
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
Battery - Number of cells	2

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Battery – Individual weight	22,6 g
Battery – Total weight	45,2 g
Battery – Construction	Individual cells
Battery capacity (Wh)	1,8 Wh
Rechargeable battery operating time - backlight off	100 h
Battery/Accu connected	not connected, enclosed

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	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	225×150×70 mm
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,50 kg
Shipping weight	0,5 kg

Product information

GTIN/EAN number	4045761201965
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

