

KERN HDB 6K-3XL

User-friendly hanging scale for rapid, mobile weighing

KERN



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]	6 kg
Readability [d]	0,005 kg
Reproducibility	0,005 kg
Linearity	± 0,015 kg
Resolution	1.200
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Maximum creep (15 minutes)	10 g
Maximum creep (30 minutes)	20 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

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)	101×25×203 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)	202,6 mm
Dimensions loop/top - hole diameter (F)	4 mm
Dimensions hook/bottom - thickness (I)	5 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

KERN HDB 6K-3XL



User-friendly hanging scale for rapid, mobile weighing

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

