

KERN HDB 6K-3XL

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)	101×25×203 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

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

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	969-517

Packing & Shipping

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

Pictograms

STANDARD



OPTION

