

KERN HCD 100K-2

High-resolution crane scale for loads up to 150 kg



Category

Brand	KERN
Product category	Industrial scale
Product group	Crane scale
Product family	HCD

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
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 kg (M1)
Eccentric/Off-centre loading is not possible	✓
Stabilization time	2 s
Construction type of the scale	Single-range balance
Units	kg lb N
Tolerance (% of [Max])	0,2%
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg
Loadcell type	aluminium

Display

Display type	LCD
Display backlight	✓

Display digit height	28 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	150×79×97 mm
Dimensions completely mounted (W×D×H)	150×79×276 mm
Dimension display device (W×D×H)	150×79×97 mm
Dimensions housing - width (A)	150 mm
Dimensions housing - depth (B)	79,3 mm
Dimensions housing - height/length (C)	97,7 mm
Dimensions - total height/total length (D)	276,1 mm
Dimensions - inner length (E)	246,5 mm
Dimensions loop/top - hole diameter (F)	26 mm
Dimensions hook/bottom - hole diameter (G)	18 mm
Dimensions loop/top - thickness (H)	9,6 mm
Dimensions hook/bottom - thickness (I)	17 mm
Material housing	plastic
Material load hook	stainless steel
Material display housing	plastic
Material load cell(s)	aluminium
Load cells - number	1

Functions

Function for averaging under unstable weighing conditions	✓
Hold function	✓
Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 10 min 30 min 20 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Battery insert

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Battery operating time	100 h
Battery capacity	2.700 mAh
Battery voltage	6 V
Battery - Number of cells	4
Battery - Individual weight	22,6 g
Battery - Total weight	90,4 g
Battery capacity (Wh)	4,05 Wh
Battery - Lithium content	0 g
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Max]	80 %
Storage temperature [Max]	60 °C

Approval

CE mark	✓
TÜV-tested	✓

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	290×220×140 mm
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	1,8 kg
Shipping volume weight	1,8 kg

Product information

GTIN/EAN number	4045761214149
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

