

KERN HCD 100K-2

KERN

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

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,05 kg
Resolution	3.000
Linearity	± 0,1 kg
Reproducibility	0,05 kg
Default unit	kg
Units	kg lb N

Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 kg (M1)
Possible calibration points	150 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Loadcell type	aluminium
Tolerance (% of [Max])	0,2%

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	28 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	150×79×97 mm
Dimension housing (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 loop/top - thickness (H)	9,6 mm
Dimensions hook/bottom - hole diameter (G)	18 mm
Dimensions - inner length (E)	246,5 mm
Dimensions loop/top - hole diameter (F)	26 mm
Dimensions hook/bottom - thickness (I)	17 mm
Dimensions completely mounted (W×D×H)	150×79×276 mm
Material display housing	Plastics
Material housing	plastic
Material load hook	stainless steel
Load cells - number	1

Functions

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

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Power Supply

Supplied power supply	Battery
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	50 h
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Battery insert
Battery voltage	6 V
Battery operating time	100 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	290×220×140 mm
Net weight	1,06 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	1,8 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION

