

# KERN HCD 100K-2

High-resolution crane scale for loads up to 150 kg

# KERN



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	✓
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
Functions	
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
	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 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

