

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
Reproducibility	0,05 kg
Linearity	± 0,1 kg
Resolution	3.000
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
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg lb N
Tolerance (% of [Max])	0,2%
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	Plastics
Load cells - number	1

Functions

Function for averaging under unstable weighing conditions	✓
Hold function	✓
Peak function	✓
	3 min
	5 min
Auto-off interval(s) in battery mode/rechargeable battery mode	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
-----------------------	---------

KERN HCD 100K-2

High-resolution crane scale for loads up to 150 kg

KERN

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

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 (verification)	969-517

Packing & Shipping

Delivery time	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

Pictograms

STANDARD



OPTION

