

KERN HCD 100K-2D

KERN

High-resolution crane scale for loads up to 60 kg; 150 kg



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
 Material load cell(s) aluminium
 Load cells - number 1

Functions

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

Category

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

Measuring System

Construction type of the scale Multi-division balance
 Weighing system Strain gauge
 Weighing capacity [Max] 60 kg; 150 kg
 Readability [d] 0,02 kg; 0,05 kg
 Resolution 3.000, 3.000
 Linearity ± 0,04 kg; 0,1 kg
 Reproducibility 0,02 kg; 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; 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%

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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

