

# KERN HCD 60K-2

High-resolution crane scale for loads up to 60 kg

# KERN



|                                 |                 |
|---------------------------------|-----------------|
| 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                                                  | ✓              |
|                                                                | 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            |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery                    | 4×1.5 V AA         |

## Category

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

## Measuring System

|                                              |                                |
|----------------------------------------------|--------------------------------|
| Weighing system                              | Strain gauge                   |
| Weighing capacity [Max]                      | 60 kg                          |
| Readability [d]                              | 0,02 kg                        |
| Reproducibility                              | 0,02 kg                        |
| Linearity                                    | ± 0,04 kg                      |
| Resolution                                   | 3.000                          |
| Adjustment options                           | Adjusting with external weight |
| Recommended adjusting weight                 | 50 kg (M1)                     |
| Stabilization time                           | 2 s                            |
| Warm-up time                                 | 10 min                         |
| Eccentric/Off-centre loading is not possible | ✓                              |
| Construction type of the scale               | Single-range balance           |
| Units                                        | kg<br>lb<br>N                  |
| Tolerance (% of [Max])                       | 0,2%                           |
| Maximum creep (15 minutes)                   | 80 g                           |
| Maximum creep (30 minutes)                   | 160 g                          |
| Default unit                                 | kg                             |
| Loadcell type                                | aluminium                      |

## Display

|              |     |
|--------------|-----|
| Display type | LCD |
|--------------|-----|

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|                                                     |                         |
|-----------------------------------------------------|-------------------------|
| Battery operating time                              | 100 h                   |
| Battery voltage                                     | 6 V                     |
| Battery – Individual weight                         | 92 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         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761214163            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

