

# KERN HCD 300K-2D

# KERN

High-resolution crane scale for loads up to 150 kg; 300 kg



| 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]                      | 150 kg; 300 kg                 |
| Readability [d]                              | 0,05 kg; 0,1 kg                |
| Resolution                                   | 3.000, 3.000                   |
| Linearity                                    | ± 0,1 kg; 0,2 kg               |
| Reproducibility                              | 0,05 kg; 0,1 kg                |
| Default unit                                 | kg                             |
| Units  | kg<br>lb<br>N                  |
| Adjustment options                           | Adjusting with external weight |
| Recommended adjusting weight                 | 200 kg (M1)                    |
| Possible calibration points                  | 300 kg                         |
| Stabilization time                           | 2 s                            |
| Warm-up time                                 | 10 min; 10 min                 |
| Eccentric/Off-centre loading is not possible | ✓                              |
| Maximum creep (15 minutes)                   | 400 g                          |
| Maximum creep (30 minutes)                   | 800 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          |
|  | 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  | ✓              |

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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

