

# KERN PCD 10K-3



High-resolution precision balance with removable display for maximum flexibility



|                            |     |
|----------------------------|-----|
| Maximum creep (15 minutes) | 4 g |
| Maximum creep (30 minutes) | 8 g |

| Approval |   |
|----------|---|
| CE mark  | ✓ |

| Display                         |         |
|---------------------------------|---------|
| Display type                    | LCD     |
| Display backlight               | ✓       |
| Display digit height            | 21 mm   |
| Languages of the user interface | English |

| Construction                          |                 |
|---------------------------------------|-----------------|
| Dimensions device (W×D×H)             | 165×280×75 mm   |
| Dimension display device (W×D×H)      | 140×46×75 mm    |
| Dimension housing (W×D×H)             | 165×280×75 mm   |
| Dimensions weighing platform (W×D×H)  | 165×165×73 mm   |
| Dimensions completely mounted (W×D×H) | 165×280×75 mm   |
| Material display housing              | Plastics        |
| Material housing                      | plastic         |
| Material weighing plate               | stainless steel |
| Dimensions weighing surface (W×D)     | 160×160 mm      |
| Display device cable length           | 1,2 m           |
| Levelling feet adjustable             | ✓               |
| Stand height                          | 250 mm          |
| Stand inclinable                      | ✓               |

| Functions  |                   |
|--|-------------------|
| Number of keys for operation                                   | 5                 |
| Auto-off interval(s) in mains power mode                       | off               |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min             |
| Tare function  | manual (multi)    |
| Percentage determination                                       | ✓                 |
| Counting function  | ✓                 |
| Function for averaging under unstable weighing conditions      | ✓                 |
| Peak function  | ✓                 |
| Recipe/summing level   | Rez A (Net total) |
| Underfloor weighing  | None              |
| Interfaces   | RS-232 standard   |

## Category

|                  |                    |
|------------------|--------------------|
| Brand            | KERN               |
| Product category | Laboratory balance |
| Product group    | Precision balance  |
| Product family   | PCD                |

## Measuring System

|                                |                      |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system                | Strain gauge         |
| Weighing capacity [Max]        | 10000 g              |
| Readability [d]                | 1 g                  |
| Resolution                     | 10.000               |
| Linearity                      | ± 3 g                |
| Reproducibility                | 1 g                  |
| Tare range                     | 10000 g              |
| Default unit                   | g                    |

|       |         |
|-------|---------|
| Units | g       |
|       | dwt     |
|       | tl (Tw) |
|       | tl (HK) |
|       | ozt     |
|       | mo      |
|       | lb      |
|       | oz      |
|       | ffa     |
|       | tol     |

|                                |                                |
|--------------------------------|--------------------------------|
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 10 kg (M1)                     |
| Possible calibration points    | 2 kg; 5 kg; 7 kg; 10 kg        |
| Stabilization time             | 3 s                            |
| Warm-up time                   | 30 min                         |
| Eccentric loading at 1/3 [Max] | 5 g                            |

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## Counting

|   |                   |
|---|-------------------|
| Smallest piece weight when piece counting - laboratory conditions | 2 g               |
| Smallest piece weight when piece counting - normal conditions     | 20 g              |
| Reference quantity  | 5, 10, 20, 25, 50 |
| Counting resolution (laboratory conditions)                       | 5.000             |

## Power Supply

|   |                         |
|---|-------------------------|
| Input voltage power supply / power [Max]                                  | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max]  | 9 V, 300 mA             |
| Plug-in power supply type   | Power adapter           |
| Supplied power supply   | Power supply unit       |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>US<br>CH  |
| Plug-in power supply / adapter for countries - optional                   | US                      |
| Rechargeable battery optional   | Rchrg. battery optional |
| Rechargeable battery charging time  | 10 h                    |
| Rechargeable battery operating time - backlight on                        | 12 h                    |
| Rechargeable battery operating time - backlight off                       | 24 h                    |
| Battery   | 9 V block               |
| Battery connection  | Plug-in terminals       |
| Battery operating time  | 12 h                    |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Humidity of environment [Max] | 80 %   |
| Ambient temperature [Min]     | 5 °C   |
| Ambient temperature [Max]     | 35 °C  |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 250×360×165 mm |
| Net weight                   | 1,661 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 1,8 kg         |
| Gross weight approx.         | 2,6 kg         |
| Shipping weight              | 3 kg           |

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Pictograms

### STANDARD



### OPTION

