

KERN PCD 250-3

High-resolution precision balance with removable display for maximum flexibility



| | |
|--------------------------------|---------|
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,005 g |
| Maximum creep (15 minutes) | 10 mg |
| Maximum creep (30 minutes) | 20 mg |

| 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) | 140×82×46 mm |
| Dimension housing (W×D×H) | 165×280×75 mm |
| Dimensions rectangular draught shield - inner (W×D×H) | 146×146×80 mm |
| Dimensions rectangular draught shield - outer (W×D×H) | 157×157×80 mm |
| Dimensions completely mounted (W×D×H) | 165×280×141 mm |
| Material display housing | Plastics |
| Material housing | plastic |
| Material weighing plate | plastic, with conductive lacquer |
| Material draught shield | plastic |
| Dimensions weighing surface (Ø) | 105 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 | ✓ |

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] | 250 g |
| Readability [d] | 0,001 g |
| Resolution | 250.000 |
| Linearity | ± 0,005 g |
| Reproducibility | 0,002 g |
| Tare range | 250 g |
| Default unit | g |

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

| | |
|--|-----|
| USP Minimum weight of sample (k = 2, U = 0.1%) | 4 g |
|--|-----|

| | |
|--------------------|--------------------------------|
| Adjustment options | Adjusting with external weight |
|--------------------|--------------------------------|

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|------------------------------|------------|
| Recommended adjusting weight | 250 g (F1) |
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| Possible calibration points | 50 g; 100 g; 150 g; 200 g; 250 g |
|-----------------------------|----------------------------------|

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|----------------------|-------------------|
| Recipe/summing level | Rez A (Net total) |
| Underfloor weighing | None |
| Interfaces | RS-232 standard |

Counting

| | |
|---|-------------------|
| Smallest piece weight when piece counting - laboratory conditions | 2 mg |
| Smallest piece weight when piece counting - normal conditions | 20 mg |
| Reference quantity | 5, 10, 20, 25, 50 |
| Counting resolution (laboratory conditions) | 125.000 |

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 UK US 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) | 238×357×180 mm |
| Net weight | 1,1 kg |
| Shipping method | Parcel service |

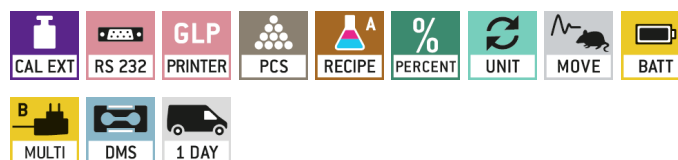
| | |
|----------------------|--------|
| Net weight approx. | 1,2 kg |
| Gross weight approx. | 1,8 kg |
| Shipping weight | 3,1 kg |

Services (optional)

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|---|---------|
| Article number for DAkkS calibration | 963-127 |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION

