

KERN PCB 6000-1

The standard in the laboratory, ideal for a wide range of applications for Industry 4.0



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| Display | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 89×30 mm |
| Display digit height | 21 mm |
| Languages of the user interface | English Symbol language |

| Construction | |
|-------------------------------------|-----------------|
| Dimension housing (W×D×H) | 163×245×65 mm |
| Dimensions weighing surface (W×D) | 150×170 mm |
| Dimensions weighing surface | 150×170 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | Stainless steel |
| Material display housing | Plastics |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Transport safety lock - bolt torque | 0,4 Nm |

| Functions | |
|---|--------------------------------|
| PreTare function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Underfloor weighing | Hook (included in delivery) |
| Function for averaging under unstable weighing conditions | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 30.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 200 mg |
| Smallest piece weight when piece counting - normal conditions | 2 g |

| Category | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Precision balance |
| Product family | PCB |

| Measuring System | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 6000 g |
| Readability [d] | 0,1 g |
| Reproducibility | 0,1 g |
| Linearity | ± 0,3 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 200 g |
| Resolution | 60.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 5 kg (F2); 1 kg (F2) |
| Possible calibration points | 1,5 kg; 3 kg; 6 kg |
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,4 g |
| Maximum creep (15 minutes) | 1 g |
| Maximum creep (30 minutes) | 2 g |
| Default unit | g |
| | kg |
| | g |
| | gn |
| Units | dwt |
| | tl (Tw) |
| | tl (HK) |
| | ozt |

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| | |
|--|----------------------------|
| Reference quantity | 5, 10, 20, 50, free, Input |
| IP protection - display | no IP protection |
| | 5 min |
| | 2 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 1 min |
| | 30 min |
| | 60 min |
| | 30 sec |
| Auto-off interval(s) in mains power mode | off |
| Tare function | manual (multi) |
| Number of keys for operation | 5 |

| Interface | |
|--------------------------------|---|
| Interfaces | RS-232 (optional) Bluetooth (optional) Ethernet (optional) USB-Device (optional) KUP WiFi (optional) |
| EasyTouch (ET) - Compatibility | vollständig |

| Power Supply | |
|---|----------------------------------|
| Supplied power supply | Power supply unit |
| Plug-in power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US CH |
| Plug-in power supply / adapter for countries - optional | EURO UK US CH |
| Input voltage power supply / power [Max] | 100 V - 240 V AC, 50 / 60 Hz |
| Input voltage device / power [Max] | 5,9V, 1A |
| Battery / accumulator type | Li-Ion |
| Battery | 4×1.5 V AA |
| Battery connection | Battery insert |
| Battery operating time | 20 h |
| Rechargeable battery operating time - backlight on | 24 h |
| Rechargeable battery operating time - backlight off | 48 h |
| Rechargeable battery charging time | 8 h |
| Rechargeable battery optional | Rchrg. battery optional - intern |

| Environmental conditions | |
|-------------------------------|--------|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humidity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

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

| Services (optional) | |
|---|---------|
| Article number for DAkkS calibration | 963-128 |
| Article number for certificate of conformity (verification) | 969-517 |

| Packing & Shipping | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 235×365×175 mm |
| Net weight | 1,5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 1,6 kg |
| Gross weight approx. | 2,4 kg |
| Shipping weight | 3 kg |

Pictograms

STANDARD



OPTION

