

KERN DE 6K1D



The long lasting story of success with dust and spray protected display device



| | |
|----------------------------|------|
| Maximum creep (15 minutes) | 8 g |
| Maximum creep (30 minutes) | 16 g |

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

| Display | |
|----------------------|----------|
| Display type | LCD |
| Display screen size | 87×29 mm |
| Display backlight | ✓ |
| Display digit height | 25 mm |

| Construction | |
|---|------------------|
| Dimension display device (W×D×H) | 225×110×55 mm |
| Dimension housing (W×D×H) | 318×305×75 mm |
| Dimensions weighing platform (W×D×H) | 318×308×75 mm |
| Material display housing | Plastics |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | metal, lacquered |
| Dimensions weighing surface (W×D) | 318×308 mm |
| Display device cable length | 1,4 m |
| Allowed cable length display device [Max] | 3 m |
| Load cells - number | 4 |

| Functions | |
|--|-----------------|
| Number of keys for operation | 5 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| Recipe/summing level | Sum A |
| Underfloor weighing | None |
| Interfaces | RS-232 standard |
| IP protection - display | IP65 |

| Counting | |
|---|-------------------|
| Smallest piece weight when piece counting - laboratory conditions | 4 g |
| Smallest piece weight when piece counting - normal conditions | 40 g |
| Reference quantity | 5, 10, 20, 25, 50 |

| Category | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Platform scale |
| Product family | DE |

| Measuring System | |
|--------------------------------|------------------------|
| Construction type of the scale | Multi-division balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 3000 g; 6000 g |
| Readability [d] | 1 g; 2 g |
| Resolution | 3.000, 3.000 |
| Linearity | ± 3 g; 6 g |
| Reproducibility | 1 g; 2 g |
| Tare range | 6000 g |
| Default unit | g |

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

| | |
|--------------------------------|--------------------------------|
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 6 kg (M1) |
| Possible calibration points | 2 kg; 4 kg; 6 kg |
| Stabilization time | 2,5 s |
| Warm-up time | 10 min; 10 min |
| Eccentric loading at 1/3 [Max] | 4 g; 8 g |

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| | |
|---|-------|
| Counting resolution (laboratory conditions) | 1.500 |
|---|-------|

Power Supply

| | |
|---|-------------------------|
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 15 V, 500 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 | EURO UK US CH |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 10 h |
| Rechargeable battery operating time - backlight on | 15 h |
| Rechargeable battery operating time - backlight off | 30 h |
| Battery | 9 V block |
| Battery / accumulator type | NiMH |
| 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) | 515×385×135 mm |
| Net weight | 4,728 kg |
| Shipping method | Parcel service |
| Net weight approx. | 4,8 kg |
| Gross weight approx. | 6 kg |
| Shipping weight | 5,4 kg |

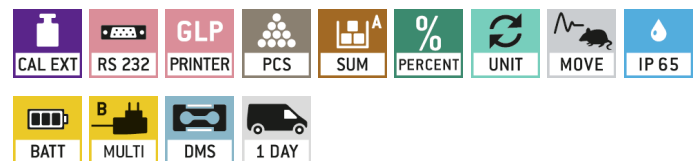
Services (optional)

| | |
|---|---------|
| 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

