

KERN DE 35K0.5D

KERN

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



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

| Measuring System | |
|--------------------------------|--------------------------------|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 15000 g; 35000 g |
| Readability [d] | 0,5 g; 1 g |
| Reproducibility | 0,5 g; 1 g |
| Linearity | ± 2 g; 4 g |
| Resolution | 30.000, 35.000 |
| Tare range | 35000 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 30 kg (F2) |
| Possible calibration points | 10 kg; 20 kg; 30 kg |
| Stabilization time | 2,5 s |
| Warm-up time | 120 min; 120 min |
| Eccentric loading at 1/3 [Max] | 3 g; 5 g |
| Construction type of the scale | Multi-division balance |
| Units | kg |
| | g |
| | dwt |
| | tl (Tw) |
| | tl (HK) |
| | ozt |
| | mo |
| | lb |
| | oz |
| | ffa |
| | tol |
| Maximum creep (15 minutes) | 4 g |

| | |
|----------------------------|-----|
| Maximum creep (30 minutes) | 8 g |
| Default unit | kg |

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

| Construction | |
|---|------------------|
| Dimension display device (W×D×H) | 225×110×55 mm |
| Dimensions weighing surface (W×D) | 315×305 mm |
| Dimensions weighing surface | 315×305 mm |
| Dimensions weighing platform (W×D×H) | 318×308×88 mm |
| Material weighing plate | stainless steel |
| Material platform | metal, lacquered |
| Material display housing | plastic |
| Display device cable length | 1 m |
| Allowed cable length display device [Max] | 3 m |
| Load cells - number | 1 |

| Functions | |
|---|-------------------|
| Recipe/summing level | Sum A |
| Percentage determination | ✓ |
| Underfloor weighing | None |
| Function for averaging under unstable weighing conditions | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 70.000 |
| Smallest piece weight when piece counting - laboratory conditions | 500 mg |
| Smallest piece weight when piece counting - normal conditions | 5 g |
| Reference quantity | 5, 10, 20, 25, 50 |
| IP protection - display | no IP protection |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off |
| Tare function | manual (multi) |
| Number of keys for operation | 5 |

| Interface | |
|------------|-----------------|
| Interfaces | RS-232 standard |

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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] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 15 V, 500 mA |
| Power socket for mains adapter | Double plug, left minus, right plus, 14,3 mm × 6,1 mm long 47,5 mm |
| Battery / accumulator type | NiMH |
| Battery | 9 V block |
| Battery connection | Plug-in terminals |
| Battery operating time | 12 h |
| Rechargeable battery | NDE-A02 |
| Rechargeable battery operating time - backlight on | 15 h |
| Rechargeable battery operating time - backlight off | 30 h |
| Rechargeable battery charging time | 10 h |
| Rechargeable battery optional | Rchrg. battery optional |

Environmental conditions

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

Approval

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

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 | 969-517 |

Packing & Shipping

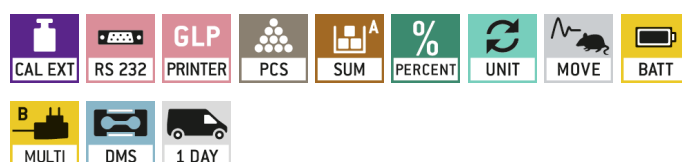
| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 530×425×160 mm |
| Shipping method | Parcel service |
| Net weight approx. | 7 kg |
| Gross weight approx. | 8 kg |
| Shipping weight | 7,66 kg |

Product information

| | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761123342 |
| REACH classification | no prohibited substances |

Pictograms

STANDARD



OPTION

