

KERN SFE 10K-3NM

KERN

Platform scale with IP65 dust and spray protection, verification optional



Category

| | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Platform scale |
| Product family | SFE |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 15 kg |
| Readability [d] | 0,005 kg |
| Reproducibility | 0,005 kg |
| Linearity | ± 0,005 kg |
| Minimum weight [Min] | 0,1 kg |
| Resolution | 3.000 |
| Tare range | 14,995 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 15 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric loading at 1/3 [Max] | 0,005 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg g |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

Display

| | |
|-------------------|-----|
| Display type | LCD |
| Display backlight | ✓ |

| | |
|----------------------|-------|
| Display digit height | 22 mm |
|----------------------|-------|

Construction

| | |
|--------------------------------------|----------------------|
| Dimension display device (W×D×H) | 195×118×83 mm |
| Dimensions weighing surface (W×D) | 300×240 mm |
| Dimensions weighing surface | 300×240 mm |
| Dimensions weighing platform (W×D×H) | 300×240×109 mm |
| Material weighing plate | stainless steel |
| Material platform | steel, powder-coated |
| Material display housing | stainless steel |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Transport safety lock - bolt torque | 0,1 Nm |
| Cable length | 2,5 m |
| Display device cable length | 3 m |

Functions

| | |
|---|-------------------------|
| Sum memory function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Function for averaging under unstable weighing conditions | ✓ |
| IP protection - complete device | - |
| IP protection - display | IP65 |
| IP protection - platform | no IP protection |
| IP protection - load cell | IP65 |
| Tare function | manual (single & multi) |
| Number of keys for operation | 6 |

Power Supply

| | |
|---|-------------------------------|
| Supplied power supply | Accu & Power supply |
| Plug-in power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US |
| Plug-in power supply / adapter for countries - optional | EURO AUS UK US CH |
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 12 V, 500 mA |

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| | |
|---|-------------------|
| Battery / accumulator type | NiMH |
| Battery connection | Plug-in terminals |
| Rechargeable battery operating time - backlight on | 10 h |
| Rechargeable battery operating time - backlight off | 35 h |
| Rechargeable battery charging time | 12 h |

Environmental conditions

| | |
|-------------------------------|--------|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humidity of environment [Min] | 0 % |
| Humidity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Approval

| | |
|---|----------|
| CE mark | ✓ |
| Conformity assessment possible ex works | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 0,005 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for conformity assessment | 965-228 |
| 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) | 412×695×222 mm |
| Shipping method | Parcel service |
| Net weight approx. | 6 kg |
| Gross weight approx. | 8 kg |
| Shipping weight | 12,7 kg |

Pictograms

STANDARD



OPTION



FACTORY

