KERN EFC 100K-3



Platform scale with integrated rechargeable battery pack, a bright LED display and a column for greatest ease of use



| Category | |
|-------------------|------------------|
| Brand | KERN |
| Product categoriy | Industrial scale |
| Product group | Platform scale |
| Product family | EFC |

| Measuring System | |
|--------------------------------|----------------------------------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 150 kg |
| Readability [d] | 0,01 kg |
| Resolution | 15.000 |
| Linearity | ± 0,02 kg |
| Reproducibility | 0,02 kg |
| Default unit | kg |
| Units | kg lb PCS |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 150 kg (F2) |
| Possible calibration points | 15 kg; 30 kg; 50 kg; 75 kg; 100 kg; 125 kg; 150 kg |
| Stabilization time | 2 s |
| Warm-up time | 30 min |
| Eccentric loading at 1/3 [Max] | 0,03 kg |
| Maximum creep (15 minutes) | 40 g |
| Maximum creep (30 minutes) | 80 g |
| Loadcell type | aluminium IP65 silicone- coated |
| Load cell connection | 4-wire |

| Approval | |
|---------------------|--------------|
| CE mark | ✓ |
| Display | |
| Diopiay | |
| Display type | LED segments |
| Display type | LED segments |
| Display screen size | 165×64 mm |
| Display backlight | no |

Display digit height - smallest digit 52 mm

Display digit height 52 mm

Languages of the user interface Symbol language

| \sim | | | |
|-------------------|-------|-------|---|
| $(\cdot \cap r)$ | netri | uctio | m |
| COL | ISTIC | オししし | ш |

| Dimension display device (W×D×H) | 252×162×57 mm |
|--------------------------------------|------------------|
| Dimensions weighing platform (W×D×H) | 500×400×120 mm |
| Material display housing | Plastics |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | steel, varnished |
| Dimensions weighing surface (W×D) | 500×400 mm |
| Display device cable length | 3 m |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Stand height | 600 mm |
| Stand rotatable | ✓ |
| Stand inclinable | ✓ |

| Functions | |
|-----------------------------------------------------------|-------------------------|
| Number of keys for operation | 7 |
| Tare function | manual (single & multi) |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Function for averaging under unstable weighing conditions | ✓ |
| Standby function | ✓ |
| Recipe/summing level | Sum A |
| Sum memory function | ✓ |
| Interfaces | RS-232 standard |
| IP protection - display | no IP protection |

1

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| Counting | |
|-------------------------------------------------------------------|--------------------------|
| Smallest piece weight when piece counting - laboratory conditions | 5 g |
| Smallest piece weight when piece counting - normal conditions | 50 g |
| Counting reference weight can be entered | ✓ |
| Reference quantity | n (any number of pieces) |
| Counting resolution (laboratory conditions) | 30.000 |

| Power Supply | |
|---------------------------------------------------------------------------|-------------------------------|
| Input voltage power supply / power [Max] | 100 - 240 V 50/60 Hz 0.5 A |
| Input voltage device / power [Max] | 5 V, 1 A |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Accu & Power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK |
| Plug-in power supply / adapter for countries - optional | EURO UK |
| Rechargeable battery operating time - backlight on | 30 h |
| Rechargeable battery operating time - backlight off | 50 h |
| Battery / accumulator type | Li-lon |
| Battery capacity | 4.000 mAh |
| Battery voltage | 3,7 V |

| Environmental conditions | |
|-----------------------------|-------|
| Humity of environment [Min] | 0 % |
| Humity of environment [Max] | 80 % |
| Ambient temperature [Min] | 0 °C |
| Ambient temperature [Max] | 40 °C |

| Packing & Shipping | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 940×550×210 mm |
| Net weight | 10,5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 11 kg |
| Gross weight approx. | 13 kg |
| Shipping weight | 21,7 kg |
| | |

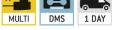
| Services (optional) | |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-249 |

| Article number for DAkkS calibration | 963-129 |
|-------------------------------------------------------------|---------|
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD





OPTION

