

KERN CPE 30K-3

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 points



Construction

| | |
|-----------------------------------|-----------------|
| Dimension housing (W×D×H) | 340×320×115 mm |
| Dimensions weighing surface (W×D) | 230×300 mm |
| Dimensions weighing surface | 230×300 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

Functions

| | |
|-------------------------------------------------------------------|--------------------------|
| Sum memory function | ✓ |
| Recipe/summing level | Sum A |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 30.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 1 g |
| Smallest piece weight when piece counting - normal conditions | 10 g |
| Reference quantity | n (any number of pieces) |
| Tare function | manual (multi) |
| Number of keys for operation | 20 |

Interface

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

Power Supply

| | |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Supplied power supply | Accu & Power supply |
| Power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK |
| Plug-in power supply / adapter for countries - optional | EURO UK |
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5 V, 1 A |
| Power socket for mains adapter | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm |
| Battery / accumulator type | Li-Ion |

Category

| | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Counting scale |
| Product family | CPE |

Measuring System

| | |
|--------------------------------|--------------------------------|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 30 kg |
| Readability [d] | 0,001 kg |
| Reproducibility | 0,001 kg |
| Linearity | ± 0,003 kg |
| Resolution | 30.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 10 kg (F2); 2 kg (F2) |
| Possible calibration points | 10 kg; 20 kg; 30 kg |
| Stabilization time | 2 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,005 kg |
| Construction type of the scale | Single-range balance |
| Units | g PCS |
| Maximum creep (15 minutes) | 4 g |
| Maximum creep (30 minutes) | 8 g |
| Default unit | kg |

Display

| | |
|----------------------|-----------|
| Display type | LCD |
| Display backlight | LED white |
| Display digit height | 20 mm |

KERN CPE 30K-3

KERN

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 points

| | |
|-----------------------------------------------------|-------------------------------------------------------------|
| Battery capacity | 4.000 mAh |
| Battery voltage | 3,7 V |
| Battery – Individual weight | 93 g |
| Battery capacity (Wh) | 14,8 Wh |
| Battery – Tests passed UN 38.3 | ✓ |
| Rechargeable battery operating time - backlight on | 30 h |
| Rechargeable battery operating time - backlight off | 50 h |
| Battery/Accu connected | fixed electrical connection, no leakage current (insulated) |

Environmental conditions

| | |
|-------------------------------|-------|
| Ambient temperature [Min] | 0 °C |
| Ambient temperature [Max] | 40 °C |
| Humidity of environment [Min] | 15 % |
| Humidity of environment [Max] | 85 % |

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) | 415×375×185 mm |
| Shipping method | Parcel service |
| Net weight approx. | 3,2 kg |
| Gross weight approx. | 4,0 kg |
| Shipping weight | 5,8 kg |

Product information

| | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761252608 |
| REACH classification | no prohibited substances |

Pictograms

STANDARD



OPTION

