

KERN IFS 100K-2M

Industrial counting scale with convenient decimal keypad for easy data entry, counting resolution 60.000 points, verification optional



| | |
|---|------------------|
| Accuracy classe | III |
| Verification scale interval [e] | 0,02 kg; 0,05 kg |
| Conformity assessment possible ex works | ✓ |

Display

| | |
|---------------------------------------|---------|
| Display type | LCD |
| Display backlight | ✓ |
| Display digit height - smallest digit | 13,5 mm |
| Display digit height | 16,5 mm |

Construction

| | |
|---------------------------------------|-----------------|
| Dimension display device (W×D×H) | 260×150×65 mm |
| Dimensions weighing platform (W×D×H) | 500×400×140 mm |
| Dimensions completely mounted (W×D×H) | 500×400×117 mm |
| Material display housing | Plastics |
| Material weighing plate | stainless steel |
| Material platform | mild steel |
| Dimensions weighing surface (W×D) | 500×400 mm |
| Cable length | 2,5 m |
| Display device cable length | 3 m |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Stand height | 330 mm |
| Stand inclinable | ✓ |

Functions

| | |
|--|------------------------|
| Number of keys for operation | 21 |
| Auto-off interval(s) in mains power mode | off |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off |
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Peak function | ✓ |
| Recipe/summing level | Sum A |
| PLU - total | 100 |
| Sum memory function | ✓ |
| Memory function | ✓ |

Category

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

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Multi-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 60 kg; 150 kg |
| Readability [d] | 0,02 kg; 0,05 kg |
| Resolution | 3.000, 3.000 |
| Linearity | ± 0,02 kg; 0,05 kg |
| Reproducibility | 0,02 kg; 0,05 kg |
| Tare range | 150 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg |
| Minimum weight [Min] | 0,4 kg; 1 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 150 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 10 min; 10 min |
| Eccentric loading at 1/3 [Max] | 0,02 kg; 0,05 kg |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

Approval

| | |
|--|---|
| CE mark | ✓ |
| Pattern approval for conformity assessment | ✓ |

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| | |
|---------------------------------|------------------|
| Interfaces | RS-232 standard |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| IP protection - platform | no IP protection |

Counting

| | |
|---|--------------------------|
| Smallest piece weight when piece counting - laboratory conditions | 2,5 g |
| Smallest piece weight when piece counting - normal conditions | 25 g |
| Counting reference weight can be entered | ✓ |
| Reference quantity | n (any number of pieces) |
| Counting resolution (laboratory conditions) | 60.000 |

Power Supply

| | |
|---|---------------------------------|
| Input voltage power supply / power [Max] | 100 - 240 V~ 50/60 Hz 190 mA |
| Input voltage device / power [Max] | 12 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 AUS UK US CH |
|---|-------------------------------|

| | |
|---|-----------------------------------|
| Rechargeable battery optional | Rchrg. battery optional (factory) |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 8 h |
| Rechargeable battery operating time - backlight off | 18 h |
| Battery / accumulator type | Pb |

Environmental conditions

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

Packing & Shipping

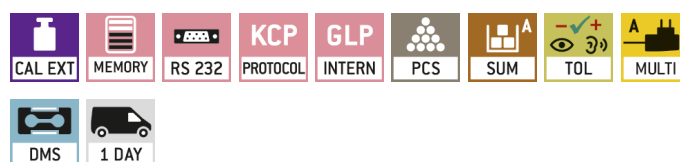
| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 930×545×210 mm |
| Net weight | 12 kg |
| Shipping method | Parcel service |
| Net weight approx. | 12 kg |
| Gross weight approx. | 15 kg |
| Shipping weight | 21,3 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for conformity assessment | 965-229 |
| Article number for DAkkS calibration | 963-129 |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION



FACTORY

