# KERN **FFN 1K-4N**

All-round bench scale, protected by stainless steel and IP65 rating




**Date of creation: 23.10.2026**

| Category | |
|---|---|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | IP protected bench scale |
| Product family | FFN |

| Measuring System | |
|---|---|
| Weighing system | Strain gauge |
| Number of weighing ranges | 1 |
| Weighing capacity [Max] | 1,5 kg |
| Readability [d] | 0,0002 kg |
| Reproducibility | 0,0002 kg |
| Linearity | ± 0,0004 kg |
| Resolution | 7.500 |
| Tare range | 1,5 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 1,5 kg (M1) |
| Possible calibration points | 1,5 kg |
| Stabilization time | 2 s |
| Eccentric loading at 1/3 [Max] | 0,001 kg |
| Construction type of the scale | Single-range balance |
| Units | kg<br>lb |
| Maximum creep (15 minutes) | 800 mg |
| Maximum creep (30 minutes) | 1,6 g |
| Default unit | kg |
| Loadcell type | aluminium IP65 silicone-coated |
| Warm-up time | 30 min |

| Display | |
|---|---|
| Display type | LCD |
| Display backlight | ✓ |
| Display segments | 5 |
| Display digit height | 25 mm |

| Construction | |
|---|---|
| Dimension housing (W×D×H) | 243×300×127 mm |
| Dimensions completely mounted (W×D×H) | 243×300×127 mm |
| Dimensions weighing surface (W×D) | 233×193 mm |
| Dimensions weighing surface | 233×193 mm |
| Material housing | stainless steel, plastic |
| Material weighing plate | stainless steel |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

| Functions | |
|---|---|
| IP protection - complete device | IP65 |
| Auto-off interval(s) in mains power mode | 3 min<br>off<br>5 min<br>15 min |
| Tare function | manual (multi) |
| Underfloor weighing | None |
| Number of keys for operation | 3 |

| 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<br>UK<br>US<br>CH |
| Plug-in power supply / adapter for countries - optional | EURO<br>AUS<br>UK<br>US<br>CH |
| Input voltage power supply / power [Max] | 110 V - 230 V AC |
| Input voltage device / power [Max] | 12 V, 500 mA |
| Power socket for mains adapter | Hollow plug, inside plus, Ø outside 5,5 mm, Ø |

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| | |
|---|---|
| | inside 2,1 mm, long 9,5 mm |
| Battery / accumulator type | Pb |
| Battery | no battery |
| Battery connection | Plug-in terminals |
| Battery – Individual weight | 680 g |
| Rechargeable battery | WTB-A01N |
| Rechargeable battery operating time - backlight on | 30 h |
| Rechargeable battery operating time - backlight off | 50 h |
| Battery/Accu connected | fixed electrical connection, not insulated |

## Environmental conditions

| | |
|---|---|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humity of environment [Min] | 25 % |
| Humity of environment [Max] | 95 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

## Services (optional)

| | |
|---|---|
| Article number for adjustment at the location of installation | 961-247 |
| Article number for DAkkS calibration | 963-127 |
| Article number for certificate of conformity | 969-517 |

## Packing & Shipping

| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 310×402×205 mm |
| Shipping method | Parcel service |
| Net weight approx. | 4,0 kg |
| Gross weight approx. | 4,6 kg |
| Shipping weight | 5,1 kg |
| Shipping volume weight | 5,1 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761150782 |
| Trade number | 84238129 |
| Warranty Time | 24 mon |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD




### OPTION

