# KERN **MBF 100K-2**

Multifunctional baby and toddler scales with parent-child function



**Date of creation: 24.10.2026**

| Category | |
|---|---|
| Brand | KERN |
| Product category | Medical scale |
| Product group | Baby scale |
| Product family | MBF |

| Measuring System | |
|---|---|
| Weighing system | Strain gauge |
| Number of weighing ranges | 2 |
| Weighing capacity [Max] | 20 kg; 100 kg |
| Readability [d] | 0,01 kg; 0,05 kg |
| Reproducibility | 0,04 kg; 0,2 kg |
| Linearity | ± 0,15 kg; 0,8 kg |
| Resolution | 2.000, 2.000 |
| Adjustment options | Adjusting with external weight |
| Stabilization time | 2 s |
| Eccentric loading at 1/3 [Max] | 0,06 kg; 0,6 kg |
| Construction type of the scale | Multi-division balance |
| Units | kg<br>lb |
| Maximum creep (15 minutes) | 100 g |
| Maximum creep (30 minutes) | 200 g |
| Default unit | kg |
| Warm-up time | 10 min; 10 min |

| Display | |
|---|---|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 0,7" |
| Display digit height | 20 mm |

| | |
|---|---|
| Languages of the user interface | Symbol language |

| Construction | |
|---|---|
| Dimension housing (W×D×H) | 290×326×41 mm |
| Dimensions completely mounted (W×D×H) | 600×354×91,5 mm |
| Dimensions weighing surface (W×D) | 600×295 mm |
| Dimensions weighing surface | 600×295 mm |
| Dimensions weighing platform (W×D×H) | 600×295×45 mm |
| Material housing | plastic |
| Material weighing plate | plastic |

| Functions | |
|---|---|
| Auto-off interval(s) in battery mode/rechargeable battery mode | 15 sec |
| Tare function | manual (single & multi) |
| Number of keys for operation | 4 |

| Power Supply | |
|---|---|
| Supplied power supply | Battery |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery | 3×1,5V AAA |
| Battery connection | Pad + Spring |
| Battery operating time - backlight on | 51 h |
| Battery operating time | 51 h |
| Battery/Accu connected | not connected, enclosed |

| Environmental conditions | |
|---|---|
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 35 °C |
| Humity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

| 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 | 969-517 |

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## Packing & Shipping

| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 650×350×170 mm |
| Shipping method | Parcel service |
| Net weight approx. | 1,6 kg |
| Gross weight approx. | 2,6 kg |
| Shipping weight | 7,7 kg |
| Shipping volume weight | 7,7 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761493827 |
| Trade number | 84231090 |
| Warranty Time | 24 mon |
| REACH classification | no prohibited substances |

## Pictograms

**STANDARD**

