KERN **ECB 20K-2N**

Plain, mobile, uncomplicated



Date of creation: 19.06.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	ECB

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	20 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,04 kg
Resolution	2.000
Tare range	20 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (M3)
Possible calibration points	10 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,03 kg
Construction type of the scale	Single-range balance
Units	kg
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g
Default unit	kg

Display	
Display type	LCD
Display backlight	✓
Display screen size	100×25 mm
Display digit height	21 mm

Construction	
Dimension housing (W×D×H)	320×300×60 mm
Dimensions weighing surface (W×D)	320×260 mm
Dimensions weighing surface	320×260 mm
Dimensions weighing platform (W×D×H)	320×260×60 mm
Material housing	plastic
Material weighing plate	stainless steel
Material display housing	plastic

Functions	
Underfloor weighing	None
IP protection - complete device	-
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	2

Power Supply	
Supplied power supply	Battery
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø inside 2,1 mm, Ø outside 5,5 mm, long 12 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	6×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	100 h
Battery voltage	9 V
Battery – Individual weight	22,6 g
Rechargeable battery	PCB-A01
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	30 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional - intern
Battery/Accu connected	not connected, enclosed

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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

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)	400×375×87 mm
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	3,0 kg
Shipping weight	3 kg
Shipping volume weight	2,6 kg

Product information	
GTIN/EAN number	4045761161436
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

