

# KERN ECB 50K-2N

# KERN

Plain, mobile, uncomplicated



## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,02 kg
Resolution	2.500
Linearity	± 0,08 kg
Reproducibility	0,02 kg
Tare range	50 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M3)
Possible calibration points	20 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,6 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g

## Approval

CE mark	✓
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## Display

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

## Construction

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

## Functions

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

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery
	EURO
Plug-in power supply / adapter for countries - optional	UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	30 h
Battery	6×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery voltage	9 V
Battery operating time	100 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

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Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	370×330×100 mm
Net weight	2,5 kg
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	3,0 kg
Shipping weight	2,946 kg

## 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 (verification)	969-517

## Pictograms

### STANDARD



### OPTION

