

# KERN ECB 10K-3N

# 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]	10 kg
Readability [d]	0,005 kg
Resolution	2.000
Linearity	± 0,02 kg
Reproducibility	0,005 kg
Tare range	10 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M3)
Possible calibration points	5 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,015 kg
Maximum creep (15 minutes)	10 g
Maximum creep (30 minutes)	20 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)	380×405×90 mm
Net weight	2,5 kg
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	3,0 kg
Shipping weight	2,88 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

