

KERN CXB 6K0.5

KERN

Entry level model into professional counting, counting resolution of 30,000 points



Date of creation: 19.06.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CXB

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,5 g
Reproducibility	0,5 g
Linearity	± 1 g
Resolution	12.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	1,5 g
Construction type of the scale	Single-range balance
Units	g
Units (if device is conformity assessed)	g
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Default unit	g

Display	
Display type	LCD
Display backlight	✓
Display digit height	18 mm

Construction	
Dimension housing (W×D×H)	300×330×110 mm
Dimensions weighing surface (W×D)	300×225 mm
Dimensions weighing surface	300×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions	
Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Tolerance weighing - type of signal	acoustically
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	12.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	n (any number of pieces)
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Number of keys for operation	20

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	removable
Power socket for mains adapter	Power supply cable
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Battery - Individual weight	741,8 g
Rechargeable battery	6 V, 4 Ah
Rechargeable battery operating time - backlight on	60 h

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Rechargeable battery operating time - backlight off	200 h
Rechargeable battery charging time	8 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	15 %
Humidity of environment [Max]	85 %

Approval

CE mark	✓
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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)	380×400×175 mm
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,4 kg
Shipping weight	5,3 kg
Shipping volume weight	5,3 kg

Product information

GTIN/EAN number	4045761085497
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

