

KERN CIB 6K-4

KERN

Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points



Display digit height	18 mm
----------------------	-------

Construction

Dimension housing (W×D×H)	350×330×120 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	315×215 mm
Display device cable length	5 m
Levelling feet adjustable	✓

Functions

Number of keys for operation	34
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
IP protection - load cell	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Input voltage device / power [Max]	12 V, 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Accu & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery charging time	14 h

Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CIB

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,0005 kg
Resolution	12.000
Linearity	± 0,002 kg
Reproducibility	0,001 kg
Tare range	6 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,003 kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

Approval

CE mark	✓
---------	---

Display

Display type	LCD
Display backlight	blue, yellow, green, red

KERN CIB 6K-4



Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points

Rechargeable battery operating time - backlight on	90 h
Rechargeable battery operating time - backlight off	160 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	385×395×147 mm
Net weight	3,55 kg
Shipping method	Parcel service
Net weight approx.	3,6 kg
Gross weight approx.	4,4 kg
Shipping weight	4,5 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

