

# KERN CPE 6K-3

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 60,000 points



## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,2 g
Resolution	30.000
Linearity	± 0,8 g
Reproducibility	0,2 g
Default unit	kg
Units	kg g PCS
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F2); 1 kg (F2)
Possible calibration points	2 kg; 4 kg; 6 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	1 g
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g

## Approval

CE mark	✓
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## Display

Display type	LCD
Display backlight	LED white
Display digit height	20 mm

## Construction

Dimension housing (W×D×H)	315×340×110 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	230×300 mm
Levelling feet adjustable	✓

## Functions

Number of keys for operation	20
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Sum memory function	✓
Interfaces	RS-232 standard

## Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
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
Plug-in power supply / adapter for countries - optional	EURO UK
Rechargeable battery operating time - backlight on	30 h

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Rechargeable battery operating time - backlight off	50 h
Battery / accumulator type	Li-Ion
Battery capacity	4.000 mAh
Battery voltage	3,7 V

## Environmental conditions

Humidity of environment [Min]	15 %
Humidity of environment [Max]	85 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	415×375×185 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,8 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

