

KERN CPE 6K-3

KERN

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 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
Reproducibility	0,2 g
Linearity	± 0,6 g
Resolution	30.000

Adjustment options	Adjusting with external weight
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Recommended adjusting weight	5 kg (F2); 1 kg (F2)
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Possible calibration points	2 kg; 4 kg; 6 kg
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Stabilization time	2 s
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Warm-up time	120 min
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Eccentric loading at 1/3 [Max]	1 g
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Maximum creep (15 minutes)	800 mg
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Maximum creep (30 minutes)	1,6 g
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Default unit	kg
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Units	kg
	g
	lb
	PCS
	% lb:oz

Display

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

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

Sum memory function	✓
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Recipe/summing level	Sum A
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Tolerance weighing	✓
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Tolerance weighing - type of signal	acoustically visual
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Counting function	✓
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Counting resolution (laboratory conditions)	30.000
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Counting reference weight can be entered	✓
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Smallest piece weight when piece counting - laboratory conditions	200 mg
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Smallest piece weight when piece counting - normal conditions	2 g
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Reference quantity	n (any number of pieces)
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Tare function	manual (multi)
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Number of keys for operation	20
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Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Accu & Power supply
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Plug-in power supply type	Power adapter
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK
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Plug-in power supply / adapter for countries - optional	EURO UK
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Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
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Input voltage device / power [Max]	5 V, 1 A
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Battery / accumulator type	Li-Ion
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Battery capacity	4.000 mAh
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Battery voltage	3,7 V
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Rechargeable battery operating time - backlight on	30 h
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Rechargeable battery operating time - backlight off	50 h
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Environmental conditions

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

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
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Article number for DAkkS calibration	963-128
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	415×375×185 mm
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Shipping method	Parcel service
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Net weight approx.	3,2 kg
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Gross weight approx.	4,0 kg
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Shipping weight	5,8 kg
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Pictograms

STANDARD



OPTION

