

KERN CCS 60K0.01.

KERN

Counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999



Category	
Brand	KERN
Product category	Industrial scale
Product group	Counting system
Product family	CCS

Measuring System	
Weighing system	Strain gauge
Quantity scale - Item number	TKFP 60V20M-A
Reference scale - Readability [d]	10 mg
Reference scale - item number	CFS 3K-5
Reference scale - Weighing capacity [Max]	3 kg
Reproducibility	0,00002 kg
Linearity	±
Quantity scale - Reproducibility	0,002 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (M1)
Quantity scale - Weighing capacity [Max]	60 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,00005 kg
Reference scale - Linearity	100 mg
Reference scale - Reproducibility	30 mg
Quantity scale - Linearity	0,008 kg
Quantity scale - Eccentric loading at 1/3 [Max]	0,01 kg
Quantity scale - Readability [d]	0,002 kg
Reference scale - Eccentric loading at 1/3 [Max]	60 mg
Construction type of the scale	Multi-range balance
Units	kg lb
Default unit	kg
Loadcell type	HBM PW6KRC3

Display	
Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction	
Dimensions completely mounted (W×D×H)	320×330×125 mm
Dimensions weighing surface (W×D)	400×300 mm
Dimensions weighing surface	400×300 mm
Dimensions weighing platform (W×D×H)	400×300×114 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,5 m
Display device cable length	3 m

Functions	
PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Conversion function	✓
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	1.200.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
Reference quantity	n (any number of pieces)
IP protection - display	IP23
IP protection - platform	IP65
IP protection - load cell	IP65
Memory function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Number of keys for operation	20

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Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Power supply unit
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Power supply type	Power adapter
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Power supply - Cable length	180 cm
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Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
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Input voltage device / power [Max]	12 V, 500 mA
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Power socket for mains adapter	Inside plus, outside minus
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Rechargeable battery	GAB-A04
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Rechargeable battery operating time - backlight on	70 h
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Rechargeable battery operating time - backlight off	60 h
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Rechargeable battery charging time	12 h
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Rechargeable battery optional	Rchrg. battery optional
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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]	0 %
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Humidity of environment [Max]	80 %
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Storage temperature [Min]	-20 °C
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Storage temperature [Max]	60 °C
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Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	abhängig von Auflösung/ Max depends on resolution and capacity
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Article number for DAkkS calibration	962-129-127
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	2 d
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Dimensions packaging (W×D×H)	940×640×220 mm
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Shipping method	Parcel service
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Net weight approx.	13 kg
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Gross weight approx.	16 kg
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Shipping weight	26,5 kg
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Product information

GTIN/EAN number	4045761180116
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REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION

