

# KERN CFS 3K-5



Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution up to 75,000 points



## Construction

Dimension housing (W×D×H)	315×350×100 mm
Dimensions device (W×D×H)	320×350×125 mm
Dimensions completely mounted (W×D×H)	315×350×125 mm
Dimensions weighing surface (W×D)	295×225 mm
Dimensions weighing surface	295×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

## 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)	300.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Reference quantity	n (any number of pieces)
IP protection - complete device	IP23
IP protection - load cell	IP65
Memory function	✓
	3 min off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 30 min 15 min
	3 min off
Auto-off interval(s) in mains power mode	5 min 30 min 15 min
Tare function	manual (multi)

## Category

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

## Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	0,01 g
Reproducibility	0,03 g
Linearity	± 0,1 g
Resolution	300.000
Tare range	3000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1); 1 kg (F1)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,06 g
Construction type of the scale	Single-range balance
Units	kg lb
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	kg
Loadcell type	HBM PW6KRC3

## Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

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Number of keys for operation	20
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## Interface

Interfaces	RS-232 standard Interface for a secondary balance
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## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Input voltage power supply / power [Max]	110 V - 230 V AC
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Input voltage device / power [Max]	12 V, 500 mA
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Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
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Battery / accumulator type	Pb
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Rechargeable battery	GAB-A04
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Rechargeable battery operating time - backlight on	40 h
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Rechargeable battery operating time - backlight off	70 h
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Rechargeable battery charging time	14 h
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Rechargeable battery optional	Rchrg. battery optional
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## Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Approval

CE mark	✓
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## Services (optional)

Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

## Packing & Shipping

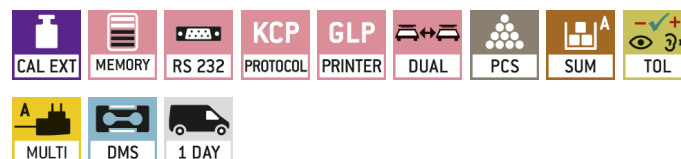
Delivery time	1 d
Dimensions packaging (W×D×H)	450×375×220 mm
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	7,4 kg

## Product information

GTIN/EAN number	4045761144477
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## Pictograms

### STANDARD



### OPTION

