

KERN CFS 3K-5

KERN

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



Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	0,01 g
Resolution	300.000
Linearity	± 0,1 g
Reproducibility	0,03 g
Tare range	3000 g
Default unit	kg
Units	kg lb
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
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Loadcell type	HBM PW6KRC3

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

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

Functions

Number of keys for operation	20
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Conversion function	✓
Recipe/summing level	Sum A
PLU - total	100
Sum memory function	✓
Memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard Interface for a secondary balance
IP protection - complete device	IP23
IP protection - load cell	IP65

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Counting

Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
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]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	14 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	70 h
Battery / accumulator type	Pb

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	450×375×220 mm
Net weight	3,211 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg

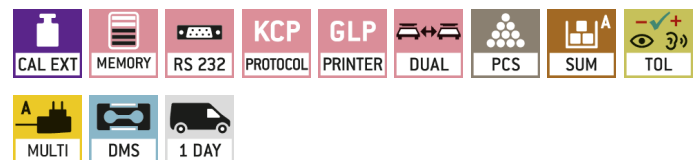
Gross weight approx.	4,4 kg
Shipping weight	7,4 kg

Services (optional)

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

Pictograms

STANDARD



OPTION

