KERN **CFS 3K-5**

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

Category

Brand	KERN
Product categoriy	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

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	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Tare function	manual (multi)

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Number of keys for operation	20

Interface

Interfaces	RS-232 standard Interface for a secondary balance

Power Supply

Supplied power supply	Power supply unit
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
Power supply – Cable length	180 cm
Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	70 h
Rechargeable battery charging time	14 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

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

Approval

CE mark	✓

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
REACH classification	no prohibited substances

Pictograms

STANDARD

OPTION