

KERN CFS 30K0.5

KERN

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



Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	20 mm
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
Levelling feet adjustable	✓

Functions

Number of keys for operation	20
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

Counting

Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

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]	30 kg
Readability [d]	0,0005 kg
Resolution	60.000
Linearity	± 0,001 kg
Reproducibility	0,0005 kg
Tare range	30 kg
Default unit	kg
Units	kg lb
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F2); 20 kg (F2)
Possible calibration points	15 kg; 30 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0025 kg
Maximum creep (15 minutes)	5 g
Maximum creep (30 minutes)	10 g

Approval

CE mark	✓
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Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
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

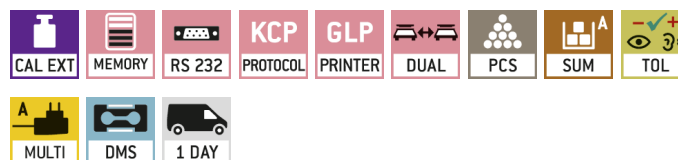
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	450×375×220 mm
Net weight	3,23 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	7,4 kg

Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

