

# 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 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
Level indicator	✓
Levelling feet adjustable	✓

## 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)	60.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	n (any number of pieces)
IP protection - complete device	IP23
IP protection - load cell	IP65
Memory function	✓
Tare function	manual (multi)
Number of keys for operation	20

## Interface

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

Supplied power supply	Power supply unit
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## 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
Reproducibility	0,0005 kg
Linearity	± 0,001 kg
Resolution	60.000
Tare range	30 kg
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
Default unit	kg
Units	kg lb

## Display

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

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

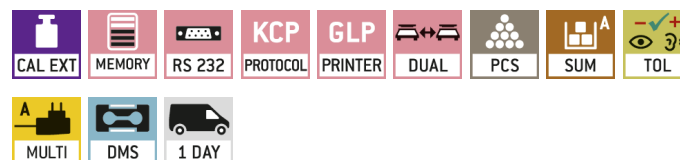
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

## 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

## Pictograms

### STANDARD



### OPTION

