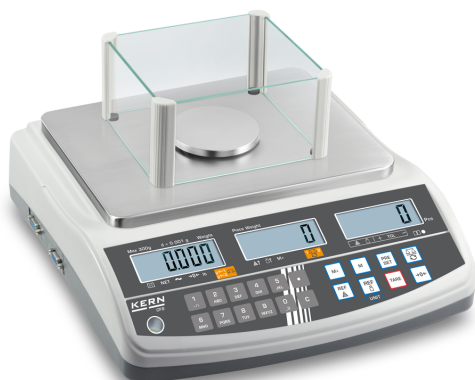


KERN CFS 300-3



Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution 60.000 points



Display digit height	20 mm
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Construction

Dimensions device (W×D×H)	320×350×125 mm
Dimension display device (W×D×H)	320×350×120 mm
Dimension housing (W×D×H)	315×350×110 mm
Dimensions rectangular draught shield - inner (W×D×H)	155×141×80 mm
Dimensions rectangular draught shield - outer (W×D×H)	167×154×80 mm
Dimensions completely mounted (W×D×H)	315×350×185 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	plastic
Dimensions weighing surface (Ø)	80 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

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]	300 g
Readability [d]	0,001 g
Resolution	300.000
Linearity	± 0,004 g
Reproducibility	0,002 g
Tare range	300 g
Default unit	g
Units	g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1); 100 g (F1)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,006 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Loadcell type	aluminium IP65 silicone-coated

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓

KERN CFS 300-3



Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution 60.000 points

IP protection - load cell	IP65
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Counting

Smallest piece weight when piece counting - laboratory conditions	5 mg
Smallest piece weight when piece counting - normal conditions	50 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)	640×540×230 mm
Net weight	2,5 kg

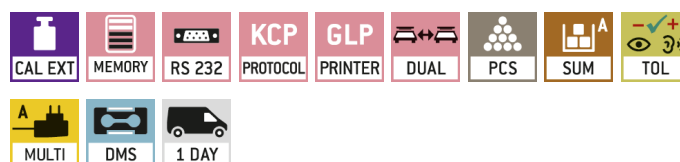
Shipping method	Parcel service
Net weight approx.	2,6 kg
Gross weight approx.	6 kg
Shipping weight	15,9 kg

Services (optional)

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

Pictograms

STANDARD



OPTION

