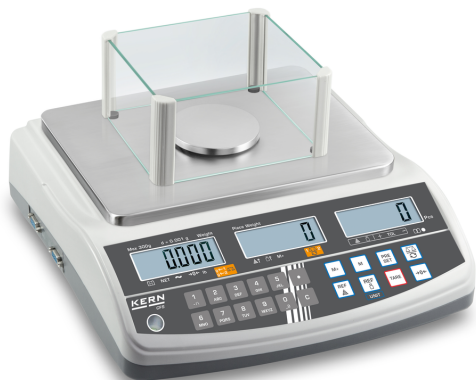


KERN CFS 300-3

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

KERN

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

IP protection - load cell IP65

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

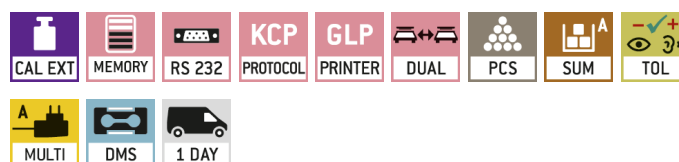
Services (optional)

Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION

