

KERN DE 300K50D

The long lasting story of success with dust and spray protected display device



Maximum creep (15 minutes)	400 g
Maximum creep (30 minutes)	800 g

Approval	
CE mark	✓

Display	
Display type	LCD
Display screen size	87×29 mm
Display backlight	✓
Display digit height	25 mm

Construction	
Dimension display device (W×D×H)	225×110×55 mm
Dimensions weighing platform (W×D×H)	522×403×83 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Dimensions weighing surface (W×D)	522×403 mm
Display device cable length	1,25 m
Allowed cable length display device [Max]	3 m
Load cells - number	4

Functions	
Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Underfloor weighing	None
Interfaces	RS-232 standard
IP protection - display	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	200 g
Smallest piece weight when piece counting - normal conditions	2 kg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	1.500

Category

Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	DE

Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg; 300 kg
Readability [d]	0,05 kg; 0,1 kg
Resolution	3.000, 3.000
Linearity	± 0,15 kg; 0,3 kg
Reproducibility	0,05 kg; 0,1 kg
Tare range	300 kg
Default unit	kg

Units	kg
	dwt
	tl (Tw)
	tl (HK)
	ozt
	mo
	lb
	oz
	ffa
	tol

Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Possible calibration points	50 kg; 100 kg; 200 kg; 300 kg
Stabilization time	2,5 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,25 kg; 0,5 kg

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Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	15 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 UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	15 h
Rechargeable battery operating time - backlight off	30 h
Battery	9 V block
Battery / accumulator type	NiMH
Battery connection	Plug-in terminals
Battery operating time	12 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	620×600×190 mm
Net weight	15,5 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	18 kg
Shipping weight	17,7 kg

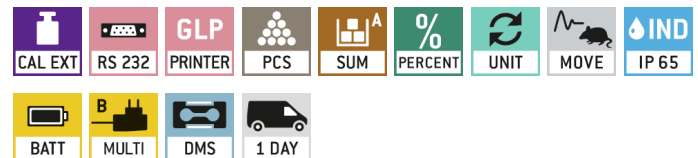
Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129

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

Pictograms

STANDARD



OPTION

