

KERN DE 300K50D

KERN

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



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	150 kg; 300 kg
Readability [d]	0,05 kg; 0,1 kg
Reproducibility	0,05 kg; 0,1 kg
Linearity	± 0,15 kg; 0,3 kg
Resolution	3.000, 3.000
Tare range	300 kg

Adjustment options	Adjusting with external weight
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Recommended adjusting weight	300 kg (M1)
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Possible calibration points	50 kg; 100 kg; 200 kg; 300 kg
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Stabilization time	2,5 s
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Warm-up time	10 min; 10 min
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Eccentric loading at 1/3 [Max]	0,25 kg; 0,5 kg
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Construction type of the scale	Multi-division balance
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Units	kg dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
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Maximum creep (15 minutes)	400 g
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Maximum creep (30 minutes)	800 g
Default unit	kg

Display

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

Construction

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

Functions

Recipe/summing level	Sum A
Percentage determination	✓
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	6.000
Smallest piece weight when piece counting - laboratory conditions	50 g
Smallest piece weight when piece counting - normal conditions	500 g
Reference quantity	5, 10, 20, 25, 50
IP protection - display	no IP protection
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Tare function	manual (multi)
Number of keys for operation	5

Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
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
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	15 V, 500 mA
Power socket for mains adapter	Double plug, left minus, right plus, 14,3 mm × 6,1 mm long 47,5 mm
Battery / accumulator type	NiMH
Battery	9 V block
Battery connection	Plug-in terminals
Battery operating time	12 h
Rechargeable battery	NDE-A02
Rechargeable battery operating time - backlight on	15 h
Rechargeable battery operating time - backlight off	30 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
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 adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

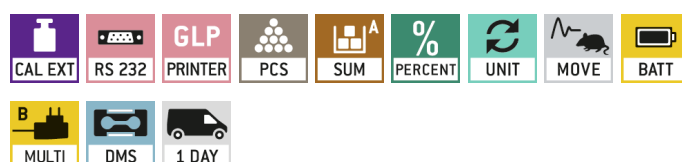
Delivery time	1 d
Dimensions packaging (W×D×H)	620×600×190 mm
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	18 kg
Shipping weight	17,7 kg

Product information

GTIN/EAN number	4045761111233
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

