

KERN DE 300K50D

KERN

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



Construction

Dimension display device (W×D×H)	225×110×60 mm
Dimensions weighing platform (W×D×H)	522×403×83 mm
Dimensions weighing surface (W×D)	522×403 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
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

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 plug-in 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

Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

Measuring System

Readability [d]	50 g; 100 g
Weighing capacity [Max]	150 kg; 300 kg
Eccentric loading at 1/3 [Max]	0,25 kg; 0,5 kg
Reproducibility	0,05 kg; 0,1 kg
Linearity	± 0,15 kg; 0,3 kg
Weighing system	Strain gauge
Resolution	3.000, 3.000
Tare range	300 kg
Units	kg dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Default unit	kg
Stabilization time	2,5 s
Warm-up time	10 min; 10 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Possible calibration points	50 kg; 100 kg; 200 kg; 300 kg

Approval

CE mark	✓
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Display

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

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Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery	NDE-A02
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 operating time	12 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

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

Piktogramme

STANDARD



OPTION

