

KERN DE 6K1D

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



oz
ffa
tol

Display

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

Construction

Dimension housing (W×D×H)	318×305×75 mm
Dimension display device (W×D×H)	225×110×55 mm
Dimensions weighing surface (W×D)	318×308 mm
Dimensions weighing surface	318×308 mm
Dimensions weighing platform (W×D×H)	318×308×75 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	metal, lacquered
Material display housing	Plastics
Display device cable length	1,4 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)	1.500
Smallest piece weight when piece counting - laboratory conditions	4 g
Smallest piece weight when piece counting - normal conditions	40 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

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]	3000 g; 6000 g
Readability [d]	1 g; 2 g
Reproducibility	1 g; 2 g
Linearity	± 3 g; 6 g
Resolution	3.000, 3.000
Tare range	6000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	2 kg; 4 kg; 6 kg
Stabilization time	2,5 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	4 g; 8 g
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Default unit	g

Units	kg
	g
	dwt
	tl (Tw)
	tl (HK)
	ozt
	mo
	lb

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Interface

Interfaces	RS-232 standard
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Power Supply

Supplied power supply	Power supply unit
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Plug-in power supply type	Power adapter
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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
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Input voltage device / power [Max]	15 V, 500 mA
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Battery / accumulator type	NiMH
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Battery	9 V block
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Battery connection	Plug-in terminals
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Battery operating time	12 h
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Rechargeable battery	PCB-A01
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Rechargeable battery operating time - backlight on	15 h
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Rechargeable battery operating time - backlight off	30 h
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Rechargeable battery charging time	10 h
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Rechargeable battery optional	Rchrg. battery optional
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Environmental conditions

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

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
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Article number for DAkkS calibration	963-128
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	515×385×135 mm
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Shipping method	Parcel service
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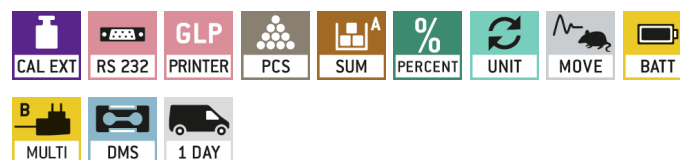
Net weight approx.	4,8 kg
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Gross weight approx.	6 kg
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Shipping weight	5,4 kg
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Pictograms

STANDARD



OPTION

