

KERN DE 6K1D

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]	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
Construction type of the scale	Multi-division balance
Units	kg
	g
	dwt
	tl (Tw)
	tl (HK)
	ozt
	mo
	lb
	oz
	ffa
	tol
Maximum creep (15 minutes)	8 g

Maximum creep (30 minutes)	16 g
Default unit	g

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	plastic
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)	6.000
Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 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

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	PCB-A01
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	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

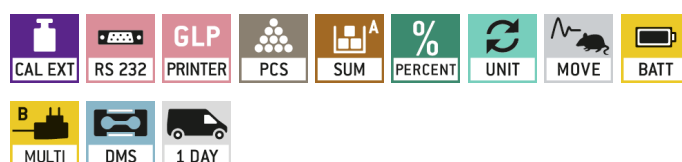
Delivery time	1 d
Dimensions packaging (W×D×H)	515×385×135 mm
Shipping method	Parcel service
Net weight approx.	4,8 kg
Gross weight approx.	6 kg
Shipping weight	5,4 kg

Product information

GTIN/EAN number	4045761111356
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

