

KERN DE 6K1D

KERN

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



Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

Measuring System

Readability [d]	1 g; 2 g
Weighing capacity [Max]	3000 g; 6000 g
Eccentric loading at 1/3 [Max]	4 g; 8 g
Reproducibility	1 g; 2 g
Linearity	± 3 g; 6 g
Weighing system	Strain gauge
Resolution	3.000, 3.000
Tare range	6000 g
Units	kg g dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Default unit	g
Stabilization time	2,5 s
Warm-up time	10 min; 10 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	2 kg; 4 kg; 6 kg

Approval

CE mark	✓
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Display

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

Construction

Dimension display device (W×D×H)	225×110×45 mm
Dimension housing (W×D×H)	318×305×75 mm
Dimensions weighing platform (W×D×H)	318×308×75 mm
Dimensions weighing surface (W×D)	318×308 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Display device cable length	1,4 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	4 g
Smallest piece weight when piece counting - normal conditions	40 g
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

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Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery	PCB-A01
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

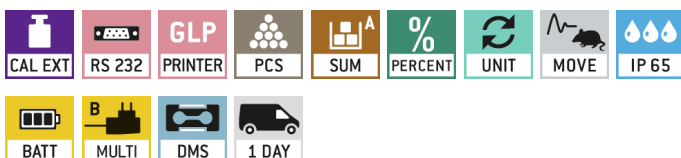
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	515×385×135 mm
Net weight approx.	4,8 kg
Gross weight approx.	6 kg

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 (verification)	969-517

Piktogramme

STANDARD



OPTION

