

KERN DE 35K5D

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

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	15000 g; 35000 g
Readability [d]	5 g; 10 g
Resolution	3.000, 3.500
Linearity	± 15 g; 30 g
Reproducibility	5 g; 10 g
Tare range	35000 g
Default unit	g

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

Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	2,5 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	25 g; 50 g

Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g

Approval

CE mark	✓
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Display

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

Construction

Dimension display device (W×D×H)	225×110×55 mm
Dimension housing (W×D×H)	318×305×75 mm
Dimensions weighing platform (W×D×H)	318×308×75 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Dimensions weighing surface (W×D)	315×305 mm
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	10 g
Smallest piece weight when piece counting - normal conditions	100 g
Reference quantity	5, 10, 20, 25, 50

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Counting resolution (laboratory conditions) 3.500

Article number for DAkkS calibration 963-128

Article number for certificate of conformity (verification) 969-517

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 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

Rechargeable battery optional Rchrg. battery optional

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 / accumulator type NiMH

Battery connection Plug-in terminals

Battery operating time 12 h

Environmental conditions

Humidity of environment [Max] 80 %

Ambient temperature [Min] 5 °C

Ambient temperature [Max] 35 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Packing & Shipping

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 515×392×136 mm

Net weight 4,755 kg

Shipping method Parcel service

Net weight approx. 4,8 kg

Gross weight approx. 6 kg

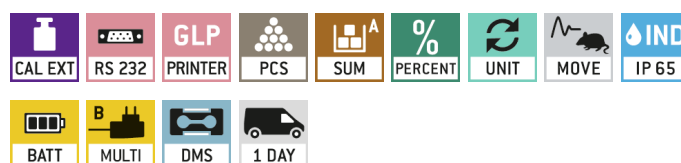
Shipping weight 5,55 kg

Services (optional)

Article number for adjustment at the location of installation 961-248

Pictograms

STANDARD



OPTION

