

# KERN DE 35K5D

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



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

Approval	
CE mark	✓

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

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

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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

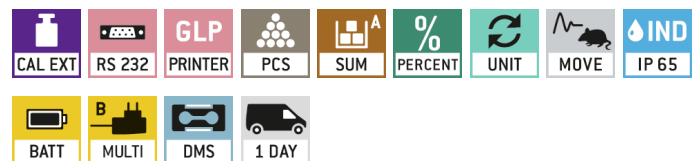
Shipping weight 5,55 kg

## Services (optional)

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

## Pictograms

### STANDARD



### OPTION

