

# KERN DE 35K0.5D

# KERN

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



## Construction

Dimension display device (W×D×H)	225×110×45 mm
Dimensions weighing platform (W×D×H)	318×308×88 mm
Dimensions weighing surface (W×D)	315×305 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Display device cable length	1 m
Allowed cable length display device [Max]	3 m
Load cells - number	1

## 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 - complete device	-
IP protection - display	IP65

## Counting

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
Counting resolution (laboratory conditions)	35.000

## 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

## Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

## Measuring System

Readability [d]	0,5 g; 1 g
Weighing capacity [Max]	15000 g; 35000 g
Eccentric loading at 1/3 [Max]	3 g; 5 g
Reproducibility	0,5 g; 1 g
Linearity	± 2 g; 4 g
Weighing system	Strain gauge
Resolution	30.000, 35.000
Tare range	35000 g
Units	kg g dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Default unit	kg
Stabilization time	2,5 s
Warm-up time	120 min; 120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (F2)
Possible calibration points	10 kg; 20 kg; 30 kg

## Approval

CE mark	✓
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## Display

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

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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 operating time	12 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

## Packing & Shipping

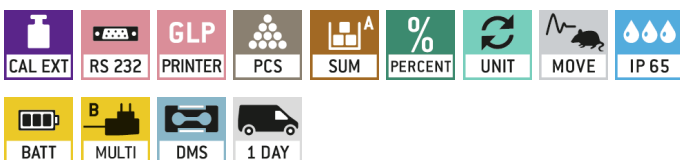
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	530×425×160 mm
Net weight approx.	7 kg
Gross weight approx.	8 kg

## 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

