

# KERN DS 20K0.1

Precision industrial scale with laboratory accuracy

# KERN



## Construction

Dimension display device (W×D×H)	225×115×60 mm
Dimension housing (W×D×H)	225×115×60 mm
Dimensions weighing platform (W×D×H)	308×318×75 mm
Dimensions completely mounted (W×D×H)	315×305×75 mm
Dimensions weighing surface (W×D)	308×318 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Stand height	450 mm
Wall mount	✓
Display device cable length	2 m

## Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Underfloor weighing	Hook (optional)
Interfaces	RS-232 (optional) USB-Device (optional) KUP

## Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	200.000

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A

## Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

## Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	20 kg
Eccentric loading at 1/3 [Max]	0,0005 kg
Reproducibility	0,0001 kg
Linearity	± 0,0003 kg
Weighing system	Strain gauge
Resolution	200.000
Units	kg g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa

Default unit	kg
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F1); 5 kg (F1)
Possible calibration points	5 kg; 10 kg; 15 kg; 16 kg

## Approval

CE mark	✓
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## Display

Display digit height	21 mm
Display backlight	✓
Display screen size	89×30 mm
Languages of the user interface	English Symbol language

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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
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	60 h
Battery operating time	20 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	510×380×140 mm
Net weight approx.	8 kg
Gross weight approx.	10 kg

## Services (optional)

Article number for DAkkS calibration	963-128
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## Piktogramme

### STANDARD



### OPTION

