

KERN DS 30K0.1

Precision industrial scale with laboratory accuracy

KERN



Languages of the user interface English Symbol language

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 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
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	1 min
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	✓
Conversion function	✓
Recipe/summing level	Rez A (Net total)
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)	300.000

Category

Brand	KERN
Product category	Industrial scales
Product group	Platform scales

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	30 kg
Eccentric loading at 1/3 [Max]	0,0005 kg
Reproducibility	0,0002 kg
Linearity	± 0,0005 kg
Weighing system	Strain gauge
Resolution	300.000

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	30 kg (E2)
Possible calibration points	10 kg; 15 kg; 20 kg; 30 kg

Approval

CE mark	✓
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Display

Display digit height	21 mm
Display backlight	✓
Display screen size	89×30 mm

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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
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

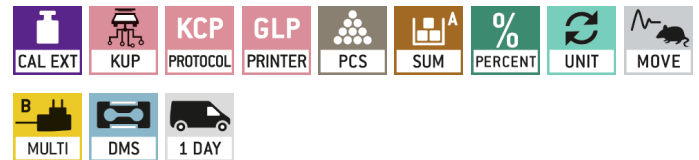
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	510×380×140 mm
Net weight approx.	8 kg
Gross weight approx.	9 kg
Shipping weight	8,6 kg

Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

