

KERN CKE 16K0.1

KERN

Easy to use, self-explanatory counting scale with laboratory accuracy, counting resolution 160.000 points



Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CKE

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	16 kg
Readability [d]	0,0001 kg
Reproducibility	0,0001 kg
Linearity	± 0,0003 kg
Resolution	160.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (F1)
Possible calibration points	5 kg; 10 kg; 15 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,001 kg
Construction type of the scale	Single-range balance

Units

kg
g
gn
dwt
ozt
lb
oz
ffa
PCS

Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	kg

Display

Display type	LCD
Display backlight	✓
Display screen size	120×38 mm
Display segments	7
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	350×390×120 mm
Dimensions weighing surface (W×D)	340×240 mm
Dimensions weighing surface	340×240 mm
Dimensions weighing platform (W×D×H)	340×240×21 mm
Material housing	ABS plastic
Material weighing plate	stainless steel
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓

Functions

PreTare function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (included in delivery)
Counting function	✓
Counting resolution (laboratory conditions)	160.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
Auto-off interval(s) in mains power mode	5 min 2 min 1 min 30 min
Tare function	manual (multi)

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Number of keys for operation 7

Interface

Interfaces	RS-232 (optional) Ethernet (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
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compatible with EasyTouch ✓

Power Supply

Supplied power supply Power supply unit

Plug-in power supply type Power adapter

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

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

Input voltage device / power [Max] 5,9V, 1A

Power socket for mains adapter
Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm

Battery / accumulator type Li-Ion

Battery 4×1.5 V AA

Battery connection Battery insert

Battery operating time 20 h

Rechargeable battery operating time - backlight on 24 h

Rechargeable battery operating time - backlight off 48 h

Rechargeable battery charging time 8 h

Rechargeable battery optional Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Max] 80 %

Approval

CE mark ✓

Services (optional)

Article number for DAkkS calibration 963-128

Article number for certificate of conformity 969-517

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 470×470×190 mm

Shipping method Parcel service

Net weight approx. 7 kg

Gross weight approx. 8 kg

Shipping weight 8,4 kg

Product information

GTIN/EAN number 4045761357464

Pictograms

STANDARD



OPTION

