KERN **CKE 16K0.05**

Easy to use, self-explanatory counting scale with laboratory accuracy, counting resolution 320.000 points

Date of creation: 23.06.2026

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]	0,00005 kg
Reproducibility	0,0001 kg
Linearity	± 0,00025 kg
Resolution	320.000
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
Eccentric loading at 1/3 [Max]	0,0005 kg
Construction type of the scale	Single-range balance
Units	kg g gn dwt ozt lb oz ffa PCS
Maximum creep (15 minutes)	500 mg
Maximum creep (30 minutes)	1 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)	320.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
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)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
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
Power supply cable removable	removable
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
Humity 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

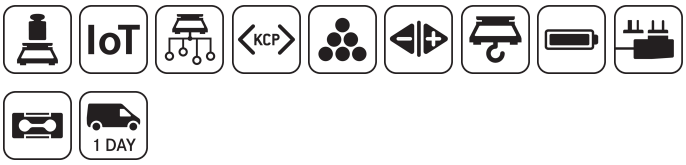
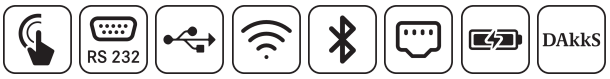
Delivery time	1 d
Dimensions packaging (W×D×H)	470×470×190 mm
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	8 kg
Shipping weight	8,4 kg
Shipping volume weight	8,4 kg

Product information

GTIN/EAN number	4045761357471
Trade number	90160010
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION