KERN **CKE 6K0.02**

KERN

Easy to use, self-explanatory counting scale with laboratory accuracy, counting resolution 300.000 points

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,02 g
Resolution	300.000
Linearity	± 0,2 g
Reproducibility	0,04 g
Default unit	g
Units	kg g gn dwt ozt lb oz ffa PCS
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (F1)
Possible calibration points	2 kg; 4 kg; 6 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,2 g
Maximum creep (15 minutes)	200 mg
Maximum creep (30 minutes)	400 mg

Approval

CE mark	✓

Display

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

Construction

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

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	5 min 2 min 1 min 30 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)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (included in delivery)
Interfaces	RS-232 (optional) Ethernet (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)

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Counting

Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	300.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Plug-in power supply type	Power adapter
Supplied 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 optional	Rchrg. battery optional - intern
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Battery	4×1.5 V AA
Battery / accumulator type	Li-Ion
Battery connection	Battery insert
Battery operating time	20 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	470×470×190 mm
Net weight	6,5 kg
Shipping method	Parcel service

Net weight approx.	7 kg
Gross weight approx.	8 kg
Shipping weight	8,4 kg

Services (optional)

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

Pictograms

STANDARD

CAL EXT	KUP	KCP PROTOCOL	GLP PRINTER	PCS	TOL	UNDER	BATT	B MULTI

DMS	1 DAY

OPTION

ET	RS 232	USB	WIFI	BT 4.0	LAN	ACCU	DAkkS +3 DAYS