PRODUCT BROCHURE

KERN
CKE 6K0.02

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

CONTACT

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PRODUCT SHOWCASE

DESCRIPTION

- Precise, intuitive to use and digital – with our counting scales you can accelerate your annual stock taking processes and thus save time and money

- Self-explanatory, graphic control panel, the workings steps can be understood immediately, even without operating instructions
  - no learning time = reduces costs
  - ideal for untrained users
  - visualised process avoids operating errors

- The 4 steps are carried out from left to right:
  [[1]] Place the empty container onto the weighing plate and tare by pressing the TARE key
  [[2]] Place the reference quantity for the goods to be counted into the container (5, 10, 20 or any number of pieces)
  [[3]] Confirm the selected reference quantity by pressing the key (5, 10, 20 or any number of pieces)
  [[4]] Pour in the goods to be counted. The number of pieces will immediately be shown in the display

- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value

- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay

- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers

- Two balances in one: Changes from counting mode to weighing mode at the touch of a key

- Protective working cover included with delivery

SPECIFICATIONS

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ENGLISH

Article codes, product groups & Status information

Model article-code	CKE 6K0.02
Model-Serie	CKE
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	4045761357501
Predecessor Model	CKE 6K0.02-2019a; CKE 6K0.02-2022a
Customs tariff number	90160010
CE Label	yes

Technical data - Primary

Weighing capacity	6000 g
Readability	0.02 g
Counting resolution	300000
Minimum piece weight	200 mg
Net weight	6.5 kg
Platform size	340×240 mm

Technical data - Construction

Casing material	ABS plastic
Dimension housing (W×D×H)	350×390×120 mm
Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	340×240 mm

Dimensions of weighing plate (W×D)	340×240 mm

Technical data - Display

Display height	25 mm
Backlight	yes

Technical data - Power supply

Battery	4×1.5 V AA
Operating time	20 h
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.2 g
Readability	0.02 g
Recommended adjusting weight	6 kg (F1)
Repeatability	0.04 g
Resolution	300.000
Stabilisation time under laboratory conditions	3 s
Warm up time	120 min
Weighing system	Strain gauge

Weighing units	dwt;ffa;g;gn;kg;lb;oz;ozt; PCS

Standard

CAL EXT	KUP	KCP PROTOCOL	GLP PRINTER	PCS	TOL	UNDER	BATT

B MULTI	DMS	1 DAY

Option

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

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	470×470×190 mm
Gross weight	8 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	550 g
Packaging component - by weight - plastics	550 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	300000
Mininum piece weight at piece counting (Laboratory)	20 mg
Minimum piece weight	200 mg

Optional Services

DAkkS Calibration	963-128

FUNCTIONS

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ACCESSORIES

Model	Description
FKB-A02	Protective Working Cover KERN FKB-A02
YKR-01	Internal Rechargeable Battery Pack KERN YKR-01
FKB-A02S05	Protective Working Cover KERN FKB-A02S05
YKA-27	Power Adapter KERN YKA-27
YKG-01	Dot Matrix Printer KERN YKG-01
YKH-01	Thermal printer KERN YKH-01
KUP-01	Adapter KERN KUP-01
KUP-03	Adapter KERN KUP-03
KUP-04	Adapter KERN KUP-04
KUP-05	Adapter KERN KUP-05
KUP-06	Adapter KERN KUP-06
KUP-13	Connecting cable KERN KUP-13
SCD-4.0-PRO-DL-AS05	Software KERN BalanceConnection SCD-4.0-PRO-DL-AS05
SCD-4.0-DLS05	BalanceConnection Standard KERN SCD-4.0-DLS05

SERVICES

Model	Description
963-128	DAkkS Calibration KERN 963-128
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-101	Warranty extension KERN (+2 years) 970-101

SPARE PARTS

Model	Description
FKB-A02	Protective Working Cover KERN FKB-A02
RFKBA-6001	Weighing plate KERN RFKBA-6001
RFKBA-8001	Adjustable base foot RFKBA-8001
RFKBA-8003	Level bubble RFKBA-8003
R440-000-13-001	DC socket R440-000-13-001
YKA-27	Power Adapter KERN YKA-27

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Model	Description
RTCKE-4001	Display overlay KERN RTCKE-4001
RTCKE-1001	Load cell KERN RTCKE-1001
RTPCB-8002	Battery holder KERN RTPCB-8002
RTMCN-9001	KUP Interface KERN RTMCN-9001

SOFTWARES

Model	Description
SCD-4.0-DL	BalanceConnection Standard KERN SCD-4.0-DL
SCD-4.0-PRO-DL	Software KERN BalanceConnection SCD-4.0-PRO-DL
SET-17	KERN EasyTouch SET-17 PrePack
SET-01	KERN EasyTouch SET-01 Base
SET-21	KERN EasyTouch SET-21 Formulation
SET-22	KERN EasyTouch SET-22 Difference
SET-31	KERN EasyTouch SET-31 Tolerance
SET-32	KERN EasyTouch SET-32 Count
SET-33	KERN EasyTouch SET-33 Target Count
SET-04	KERN EasyTouch SET-04 Density
SET-05	KERN EasyTouch SET-05 Dynamic
SET-06	KERN EasyTouch SET-06 Classification
SET-07	KERN EasyTouch SET-07 Variable
SET-08	KERN EasyTouch SET-08 Take-out
SET-10	KERN EasyTouch SET-10 Save Server
SET-11	KERN EasyTouch SET-11 Safety
SET-16	KERN EasyTouch SET-16 Batch and Statistics
SET-14	KERN EasyTouch SET-14 Individual Print
SET-28	KERN EasyTouch SET-28 Customization Service
SET-35	KERN EasyTouch SET-35 Assembly Count
SET-18	KERN EasyTouch SET-18 Container Master
SET-46	KERN EasyTouch SET-46 Backup Scheduler
SET-51	KERN EasyTouch SET-51 Audit Logs
SET-411	KERN EasyTouch SET-411 Hotkeys

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RELATED ARTICLES DATA

Model name	Weighing ca-pacity	Readability	Counting res-olution	Minimum piece weight	Net weight	Platform size
CKE 360-3	360 g	0.001 g	180000	20 mg	0.84 kg	82 mm
CKE 3600-2	3600 g	0.01 g	180000	200 mg	1.45 kg	130×130 mm
CKE 16K0.1	16 kg	0.0001 kg	160000	1 g	6.5 kg	340×240 mm
CKE 16K0.05	16 kg	0.00005 kg	320000	500 mg	6.5 kg	340×240 mm
CKE 36K0.1	36 kg	0.0001 kg	360000	1 g	6.5 kg	340×240 mm
CKE 65K0.2	65 kg	0.0002 kg	325000	2 g	6.5 kg	340×240 mm
CKE 6K0.02	6000 g	0.02 g	300000	200 mg	6.5 kg	340×240 mm
CKE 8K0.05	8 kg	0.00005 kg	160000	500 mg	6.5 kg	340×240 mm

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