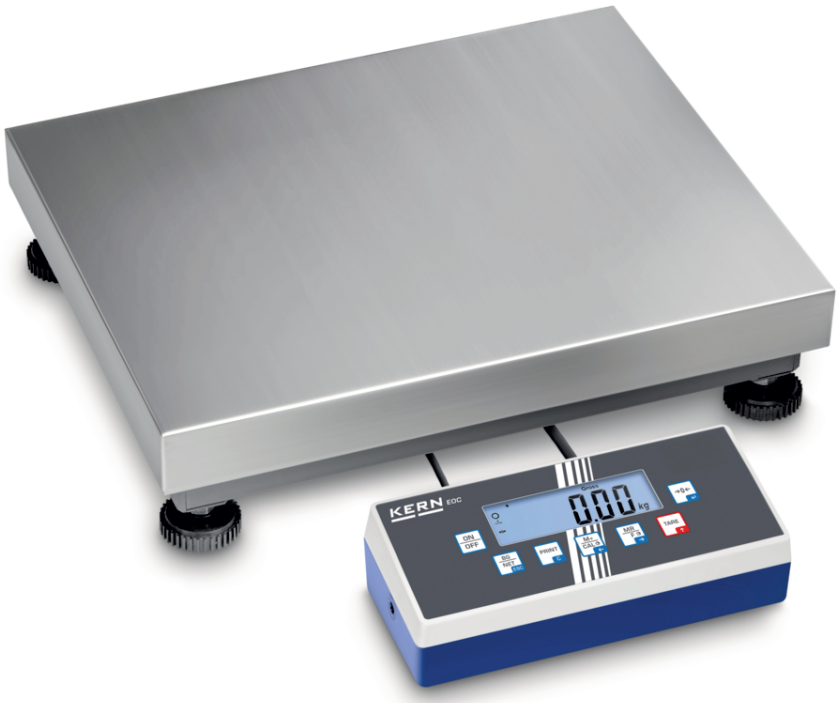
PRODUCT BROCHURE

KERN
EOC 60K-2L

Date: 26.02.2026

ENGLISH



Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use

CONTACT

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Scan here for more information

PRODUCT SHOWCASE



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DESCRIPTION

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65. Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	EOC 60K-2L

Model-Serie	EOC
Assortment	KERN
Product Type	Industrial scales

Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761192300
Customs tariff number	84238220
CE Label	yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	30 kg; 60 kg
Readability	0.01 kg; 0.02 kg
Minimum piece weight	200 g
Net weight	9 kg
Platform size	500×400 mm
Indicator cable length	3 m
Dimension weighing platform (W×D×H)	500×400×120 mm

Technical data - Construction

Dimensions display casing (W×D×H)	268×115×80 mm
Material weighing plate	stainless steel
Material Platform construction	mild steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	500×400 mm
Dimensions of weighing plate (W×D)	500×400 mm
Indicator cable length	3 m
Wall mount	yes
IP protection indicator	no IP protection
IP protection platform	IP65
IP protection load cell	IP65

Technical data - Display

Display height	25 mm
Backlight	yes

Technical data - Power supply

Operating time	100 h
Mains adapter/adapter included	CH;EURO;UK
Charging time	3 h
Input Voltage	100V-240V, 0.4A
Operating time (Backlight off)	43 h
Rechargeable battery	Rchrg. battery optional - intern

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.03 kg; 0.06 kg
Readability	0.01 kg; 0.02 kg
Recommended adjusting weight	60 kg (M1)
Repeatability	0.01 kg; 0.02 kg
Resolution	3.000, 3.000
Stabilisation time under laboratory conditions	2 s
Tare range	60 kg
Warm up time	10 min
Weighing system	Strain gauge

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Weighing units	g;kg;lb;oz;PCS
Linearity (in dots)	3
load cell connection	4-guide

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	790×500×190 mm
Gross weight	14 kg
Net weight	9 kg
Shipping method	Parcel service
Packaging component - by weight - paper	1210 g
Packaging component - by weight - cardboard	1240 g
Packaging component - by weight - plastics	12 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	3000
Mininum piece weight at piece counting (Laboratory)	20 g
Minimum piece weight	20 g

Optional Services

DAkkS Calibration	963-129

FUNCTIONS

Standard



Option



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ACCESSORIES

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
YKN-01	Matrix needle printer KERN YKN-01
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
EOC-A01	Protective Working Cover KERN EOC-A01
EOC-A03	Bracket KERN EOC-A03
EOC-A04	Bracket KERN EOC-A04
EOC-A05	Stand KERN EOC-A05
EOC-A01S05	Protective Working Cover KERN EOC-A01S05
EOB-A02B	Column for KERN EOB-A02B
YKA-20	Power Adapter KERN YKA-20
EOC-A12	Interface cable EOC-A12
AFH 13	Converter KERN AFH 13
YKG-01	Dot Matrix Printer KERN YKG-01
YKH-01	Thermal printer KERN YKH-01
YGR-01	ESD earthing kit YGR-01
YKC-01	Thermal printer KERN YKC-01
YKT-01	Needle printer KERN YKT-01

SERVICES

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
YKN-01	Matrix needle printer KERN YKN-01
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
EOC-A01	Protective Working Cover KERN EOC-A01
EOC-A03	Bracket KERN EOC-A03
EOC-A04	Bracket KERN EOC-A04
EOC-A05	Stand KERN EOC-A05
EOC-A01S05	Protective Working Cover KERN EOC-A01S05
EOB-A02B	Column for KERN EOB-A02B
YKA-20	Power Adapter KERN YKA-20

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Model	Description
EOC-A12	Interface cable EOC-A12
AFH 13	Converter KERN AFH 13
YKG-01	Dot Matrix Printer KERN YKG-01
YKH-01	Thermal printer KERN YKH-01
YGR-01	ESD earthing kit YGR-01
YKC-01	Thermal printer KERN YKC-01
YKT-01	Needle printer KERN YKT-01

SPARE PARTS

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
YKN-01	Matrix needle printer KERN YKN-01
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
EOC-A01	Protective Working Cover KERN EOC-A01
EOC-A03	Bracket KERN EOC-A03
EOC-A04	Bracket KERN EOC-A04
EOC-A05	Stand KERN EOC-A05
EOC-A01S05	Protective Working Cover KERN EOC-A01S05
EOB-A02B	Column for KERN EOB-A02B
YKA-20	Power Adapter KERN YKA-20
EOC-A12	Interface cable EOC-A12
AFH 13	Converter KERN AFH 13
YKG-01	Dot Matrix Printer KERN YKG-01
YKH-01	Thermal printer KERN YKH-01
YGR-01	ESD earthing kit YGR-01
YKC-01	Thermal printer KERN YKC-01
YKT-01	Needle printer KERN YKT-01

SOFTWARES

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
YKN-01	Matrix needle printer KERN YKN-01
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
EOC-A01	Protective Working Cover KERN EOC-A01
EOC-A03	Bracket KERN EOC-A03
EOC-A04	Bracket KERN EOC-A04
EOC-A05	Stand KERN EOC-A05
EOC-A01S05	Protective Working Cover KERN EOC-A01S05
EOB-A02B	Column for KERN EOB-A02B
YKA-20	Power Adapter KERN YKA-20
EOC-A12	Interface cable EOC-A12
AFH 13	Converter KERN AFH 13
YKG-01	Dot Matrix Printer KERN YKG-01
YKH-01	Thermal printer KERN YKH-01
YGR-01	ESD earthing kit YGR-01
YKC-01	Thermal printer KERN YKC-01
YKT-01	Needle printer KERN YKT-01

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Minimum piece weight	Net weight	Platform size	Indicator cable length	Dimension weighing platform (W×D×H)
EOC 100K-2A	120 kg	0.01 kg	100 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 10K-3A	12 kg	0.001 kg	10 g	6.1 kg	300×300 mm	3 m	300×300×110 mm
EOC 20K-3A	24 kg	0.002 kg	20 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 60K-3A	60 kg	0.005 kg	50 g	6.5 kg	300×300 mm	3 m	300×300×110 mm
EOC 6K-4A	6 kg	0.0005 kg	5 g	5.2 kg	300×300 mm	3 m	300×300×110 mm

Model name	Weighing capacity	Readability	Minimum piece weight	Net weight	Platform size	Indicator cable length	Dimension weighing platform (W×D×H)
EOC 100K-2	60 kg; 150 kg	0.02 kg; 0.05 kg	500 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 100K-2L	60 kg; 150 kg	0.02 kg; 0.05 kg	500 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 100K-2XL	60 kg; 150 kg	0.02 kg; 0.05 kg	500 g	18.4 kg	600×500 mm	3 m	600×500×150 mm
EOC 100K-2XXL	60 kg; 150 kg	0.02 kg; 0.05 kg	500 g	16.2 kg	950×500 mm	3 m	950×500×60 mm
EOC 10K-3	6 kg; 12 kg	0.002 kg; 0.005 kg	50 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 300K-2	150 kg; 300 kg	0.05 kg; 0.1 kg	1 kg	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 300K-2L	150 kg; 300 kg	0.05 kg; 0.1 kg	1 kg	18.4 kg	600×500 mm	3 m	600×500×150 mm
EOC 30K-3	15 kg; 35 kg	0.005 kg; 0.01 kg	100 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 30K-3L	15 kg; 35 kg	0.005 kg; 0.01 kg	100 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 60K-2	30 kg; 60 kg	0.01 kg; 0.02 kg	200 g	6.5 kg	300×300 mm	3 m	300×300×110 mm
EOC 60K-2L	30 kg; 60 kg	0.01 kg; 0.02 kg	200 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 6K-3	3 kg; 6 kg	0.001 kg; 0.002 kg	20 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 100K-3	60 kg; 150 kg	0.002 kg; 0.005 kg	50 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 100K-3L	60 kg; 150 kg	0.002 kg; 0.005 kg	50 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 10K-4	6 kg; 15 kg	0.0002 kg; 0.0005 kg	5 g	5.2 kg	300×300 mm	3 m	300×300×110 mm
EOC 300K-3	150 kg; 300 kg	0.005 kg; 0.01 kg	100 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 30K-4	15 kg; 35 kg	0.0005 kg; 0.001 kg	10 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 60K-3	30 kg; 60 kg	0.001 kg; 0.002 kg	20 g	6.6 kg	300×300 mm	3 m	300×300×110 mm
EOC 60K-3L	30 kg; 60 kg	0.001 kg; 0.002 kg	20 g	9 kg	500×400 mm	3 m	500×400×120 mm
EOC 30K-4S	15 kg; 35 kg	0.0005 kg; 0.001 kg	10 g	5.2 kg	300×300 mm	3 m	300×300×110 mm