

PRODUCT BROCHURE

KERN EOB 300K100A

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ENGLISH



Allround parcel scale with robust stainless steel weighing plate

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information

DESCRIPTION

- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover included with delivery
- Universal external mains adapter included with delivery

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	EOB 300K100A
Model-Serie	EOB
Assortment	KERN
Product Type	Industrial scales
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761192119
Predecessor Model	EOB 300K100A-2018a
Customs tariff number	84238220

Technical data - Primary

Weighing capacity	300 kg
Readability	0.1 kg
Net weight	3.69 kg
Platform size	315×305 mm
Indicator cable length	1.8 m
Dimension weighing platform (W×D×H)	315×305×57 mm

Technical data - Construction

Dimensions display casing (W×D×H)	235×114×51 mm
Material weighing plate	stainless steel
Weighing surface (d)	315×305 mm
Dimensions of weighing plate (W×D)	315×305 mm
Indicator cable length	1.8 m
Wall mount	yes
IP protection indicator	no IP protection
IP protection platform	no IP protection
IP protection load cell	no IP protection

Technical data - Display

Display height	25 mm
Backlight	yes

Technical data - Power supply

Battery	4×1.5 V AA
Operating time	60 h

Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	100 V - 240 V, 50 / 60 Hz

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.2 kg
Readability	0.1 kg
Recommended adjusting weight	200 kg (M2)
Repeatability	0.1 kg
Resolution	3.000
Stabilisation time under laboratory conditions	3 s
Tare range	300 kg
Warm up time	10 min
Weighing system	Strain gauge
Weighing units	kg;lb;PCS

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	370×360×150 mm
Gross weight	6 kg
Net weight	3.8 kg

Shipping method Parcel service

Packaging component - by weight - paper	40 g
Packaging component - by weight - cardboard	360 g
Packaging component - by weight - plastics	27.8 g
Delivery time	1 d

Technical data - Verification

Verification approval conforming to 2014/31/EU	yes
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Optional Services

DAkkS Calibration	963-129
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FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
EOC-A04	Bracket KERN EOC-A04
EOB-A04BS05	Protective Working Cover KERN EOB-A04BS05
EOB-A01N	Stand KERN EOB-A01N
EOB-A04B	Protective Working Cover KERN EOB-A04B
YKA-16	Power supply KERN YKA-16
EOB-A02B	Column for KERN EOB-A02B

SERVICES

Model	Description
963-129	DAkkS Calibration KERN 963-129
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-013	Warranty extension KERN (+3 years) 970-013
961-249	Adjustment at the location of installation 961-249
KIB-M01	Display Devices KERN KIB-M01

SPARE PARTS

Model	Description
RKIB-8002	Rubber base display KERN RKIB-8002
RKIB-TM-3001	LCD Display RKIB-TM-3001
RKIO-T-4002	RKIO-T-4002
RBIC-2002	Main PCB RBIC-2002
EOB-A04B	Protective Working Cover KERN EOB-A04B
RKIB-5001	Power socket KERN RKIB-5001
RKIO-8002	Battery compartment cover KERN RKIO-8002
YKA-16	Power supply KERN YKA-16
KIO-T	Display Devices KERN KIO-T
REOC-6002	Weighing plate KERN REOC-6002
RKIO-T-4001	Can be mounted on all SAUTER test stands, illustration shows optional accessories, as well as the SAUTER TVL-XS manual test standRKIO-T-4001
REOC-1009	Load cell KERN REOC-1009

Model	Description
REOB-B-8005	Damper REOB-B-8005

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Net weight	Platform size	Indicator cable length	Dimension weighing platform (W×D×H)
EOB 300K100XL	300 kg	0.1 kg	16.38 kg	950×500 mm	2.7 m	950×500×58 mm
EOB 35K10	35 kg	0.01 kg	3.69 kg	315×305 mm	1.8 m	315×305×57 mm
EOB 60K20	60 kg	0.02 kg	3.69 kg	315×305 mm	1.8 m	315×305×57 mm
EOB 60K20L	60 kg	0.02 kg	12.22 kg	550×550 mm	2.7 m	550×550×58 mm
EOB 150K50	150 kg	0.05 kg	3.69 kg	315×305 mm	1.8 m	315×305×57 mm
EOB 150K50L	150 kg	0.05 kg	12.22 kg	550×550 mm	2.7 m	550×550×58 mm
EOB 150K50XL	150 kg	0.05 kg	16.38 kg	950×500 mm	2.7 m	950×500×58 mm
EOB 300K100A	300 kg	0.1 kg	3.69 kg	315×305 mm	1.8 m	315×305×57 mm
EOB 300K100L	300 kg	0.1 kg	12.22 kg	550×550 mm	2.7 m	550×550×58 mm
EOB 15K5	15 kg	0.005 kg	3.69 kg	315×305 mm	1.8 m	315×305×57 mm