

Standard



Spray and dust protection: protection class is indicated in the symbol.



Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.



UNIT: Weighing units can be switched to e.g. non-metric units at the touch of a key. See balance model



Mains adapter: 230 V / 50 Hz. Standard type D, if requested also available in standard UK, AUS or USA.

STANDARD



Favourably priced parcel balance for dispatch weighing



* **DKD**
Certificate possible

2
Years
Warranty

24
Hours
Delivery

* Delivery period
+ 7 days

Wall mounting
for the display device standard

Large LCD display
with digit height of 25 mm (both models)

Display device
freely positionable thanks to flexible spiral cable. Cable length max. 1.8 m (both models)

Weighing units
display can be switched from kg to lb (both models)

Hand grip
for transporting

Weighing plate in XL size



Rubber mat non slip, serial with KERN EOS

2 rollers
to transport the balance, standard

Battery supply possible Batteries size AA (6 x 1.5 V) not standard. AUTO-OFF function after 3 min to preserve the battery. Operation time approx. 60 h (both models)

Weighing of animals
the weighing of the moving animal is started by the HOLD key and an average value is given. This value remains "frozen" until the HOLD key is pressed again.

Model	Read-out d	Weighting-range Max	Repro-ducibility	Linearity	Net weight approx.	OPTION Certificate DKD KERN
KERN	g	kg	g	g	kg	
EOB 35K20	20	35	20	± 40	4	963-128
EOB 60K50	50	60	50	± 100	4	963-129
EOB 150K100	100	150	100	± 200	4	963-129
EOB 300K100	100	300	100	± 300	5	963-129
EOS 150K100XL	100	150	100	± 200	28	963-129
EOS 300K200XL	200	300	200	± 400	28	963-129

Display device W x D x H 220 x 90 x 45 mm.

UNITS: Further weighing units: lb.

DKD calibration certificates

DKD = Deutscher Kalibrierdienst
KERN issues DKD calibration certificates for balances and test weights in its own accredited laboratories.



KERN is manufacturer of test weights in the international classes of accuracy E1 to M3, from 1 mg up to 2000 kg

Your specialist dealer

KERN-Your DKD Calibration Partner

KERN & Sohn GmbH, D-72322 Balingen Postbox 4052
Tel. 0049-[0]7433-9933-0 Fax 0049-[0]7433-9933-146
e-mail: info@kern-sohn.com Internet: www.kern-sohn.com



Measurement data	EOB150K100	EBO300K100	EOB35K20
Reproducibility	100g	100g	20g
Linearity	200g	400g	40g
Stabilisation time (s)	2-3	2-3	2-3
Sensity drift /°C	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶
Verification data			
Verification class	*	*	*
Verification value	*	*	*
Minimum load	*	*	*
Verification in the factory possible	*	*	*
Piece counting			
Minimum weight at piece counting	*	*	*
Reference quantity	*	*	*
Ambient conditions			
Permissible ambient temperature	10-35°C	10-35°C	10-35°C
Permissible ambient temperature at verified use			
Permissible ambient humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Basic equipment			
Protective working cover	*	*	*
Accumulator	*	*	*
Battery-supply	6 x 1,5V AA-size, operation time 60h	6 x 1,5V AA-size, operation time 60h	6 x 1,5V AA-size, operation time 60h
Auto-Off	in battery mode after 3 min without change of load	in battery mode after 3 min without change of load	in battery mode after 3 min without change of load
Mains adapter	EURO, UK, US, AUS	EURO, UK, US, AUS (DC 9V/300mA; minus internal)	EURO, UK, US, AUS
Filter steps	*	*	*
Type of balance display	LCD	LCD	LCD
Digit height of balance display	25mm	25mm	25mm
Levelling feet/ level indicator	*	*	*
Weighing units	kg, lb	kg, lb	kg, lb
Freely programmable weighing units	*	*	*
Internal adjusting weight	*	*	*
Test weight	*	*	*
Recommended test weight	100kg (M3)	200kg (M2)	20kg (M3)
Stand-by	*	*	*
Dimensions / materials / weights			
Dimensions of casing (WxDxH), mm	310x300x55 (platform), 220x90x44 (terminal)	310x300x55 (platform), 220x90x44 (terminal)	310x300x55 (platform), 220x90x44 (terminal)
Material of casing	plastic	plastic	plastic
Dimensions of draught guard (WxDxH), mm	*	*	*
Material of draught guard	*	*	*
Dimensions of packaging (WxDxH), mm	360x460x80	360x460x80	360x460x80
Net weight (kg)	4	5	4
Gross weight (kg)	5	6	5

Important notice:

- Our balances are not suitable for rooms with danger of explosion or humidity (models with < IP65)
- Observe relevant electrical instructions

Measurement data	EOB60K50	EOS150K100XL	EOS300K200XL
Reproducibility	50g	100g	200g
Linearity	100g	200g	400g
Stabilisation time (s)	2-3	2-3	2-3
Sensity drift /°C	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶
Verification data			
Verification class	*	*	*
Verification value	*	*	*
Minimum load	*	*	*
Verification in the factory possible	*	*	*
Piece counting			
Minimum weight at piece counting	*	*	*
Reference quantity	*	*	*
Ambient conditions			
Permissible ambient temperature	10-35°C	10-35°C	10-35°C
Permissible ambient temperature at verified use	*	*	*
Permissible ambient humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Basic equipment			
Protective working cover	*	*	*
Accumulator	*	*	*
Battery-supply	6 x 1,5V AA-size, operation time 60h	6 x 1,5V AA-size, operation time 60h	6 x 1,5V AA-size, operation time 60h
Auto-Off	in battery mode after 3 min without change of load	in battery mode after 3 min without change of load	in battery mode after 3 min without change of load
Mains adapter	EURO, UK, US, AUS	EURO, UK, US, AUS (DC 9V/300mA; minus internal)	EURO, UK, US, AUS (DC 9V/200mA; Minus innen)
Filter steps	*	*	*
Type of balance display	LCD	LCD	LCD
Digit height of balance display	25mm	25mm	25mm
Levelling feet/ level indicator	*	ja	ja
Weighing units	kg, lb	kg, lb	kg, lb
Freely programmable weighing units	*	*	*
Internal adjusting weight	*	*	*
Test weight	*	*	*
Recommended test weight	40kg (M3)	100kg (M3)	200kg (M3)
Stand-by	*	*	*
Dimensions / materials / weights			
Dimensions of casing (WxDxH), mm	310x300x55 (platform), 220x90x44 (terminal)	310x300x55 (platform), 220x90x44 (terminal)	310x300x55 (platform), 220x90x44 (terminal)
Material of casing	plastic	plastic	plastic
Dimensions of draught guard (WxDxH), mm	*	*	*
Material of draught guard	*	*	*
Dimensions of packaging (WxDxH), mm	360x460x80	1020x570x95	1020x570x95
Net weight (kg)	4	27,7	27,7
Gross weight (kg)	5	29,5	29,5

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