

Veterinary scales

PROFESSIONAL CARE



Animal scales for weighing various animals such as rabbits, cats, dogs, snakes, sheep, etc.

Electronic animal scales from KERN are the very best tool for checking animal weight. KERN animal scales stand out from the crowd because they are easy to use, have a high degree of mobility, with robust technology, a large display and ergonomic design. From scales for small animals, which are also ideal for weighing animal feed in line with a diet sheet, through to high-capacity floor scales for animals weighing up to 300 kg, right up to hanging and crane scales for mobile weighing of animals up to 1 ton, KERN's veterinary scale range offers a wide choice.

Many useful functions assist the vet, animal keeper or pet owner in their daily work with the animal. Thanks to a special animal weighing program, a steady weight will be displayed, even if the animal moves during the weighing process. You can use the practical HOLD function, which means the obtained weight will continue to be displayed even after the animal has been removed from the scale. You therefore have time to take care of the animal first.

Whether stationary in a veterinary practice, or mobile at the home of a pet owner, in enclosures or in the wild, the power supply to the KERN veterinary scales is always guaranteed thanks to mains or battery operation.





KERN HCB



2 KERN HCN



Practical assistant for the mobile weighing of heavy pets, animal feed etc. up to 1 t!

Features

- Thanks to the animal weighing function, it can also be used by vets. Compact – so it can be stored in the vet’s case and is ideally suited for heavy pets
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Varied options for hanging the items, thanks to the stainless steel hook and stainless steel snap links included as standard (not with models HCB with [Max] ≥ 0.5 t)
- Peak load display (peak hold), Measuring frequency 5 Hz

KERN HCB

- [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch as standard
- [Max] ≤ 200 kg: Hook (stainless steel) as standard
- 1 [Max] ≥ 500 kg: Reinforced version for heavy loads. Snap link and hook not included

KERN HCN

- 2 Housing stainless steel, IP65-protected against dust and water splashes
- Snap link (stainless steel) with safety catch as standard
- Hook (stainless steel) as standard
- 3 Second display on the back of the balance

- KERNHCB: Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- KERNHCN: Ready for use: Batteries included, 2×1.5 V AA, operating time up to 200 h

Accessories

Accessories for models with [Max] ≤ 200 kg

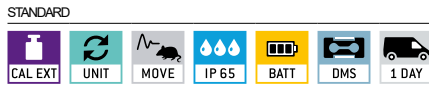
- Snap link (stainless steel) with safety catch, opening approx. 15 mm, KERNHCB-A01, € 38,-
- Hook (stainless steel), opening approx. 25 mm, KERNHCB-A02, € 24,-

Accessories for KERNHCB

- Hook with safety catch, galvanised and lacquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook, KERNYHA-06, € 130,-
- High-strength shackle, hot-dipped galvanised cast steel bracket, curved edge. Scope of delivery: 2 shackles, KERNYSC-04, € 65,-

Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm [Max] ≥ 500 kg: approx. 16 mm



Model	Weighing capacity		Readability	Dimensions housing WxDxH mm	Height with snap link and hook mm	Net weight approx. kg	Price excl. of VAT ex works €
	[Max]	kg					
KERN			[d]				
			g				
HCB20K10	20		10	82×43×153	290	0,30	120,-
HCB50K20	50		20	82×43×153	290	0,30	131,-
HCB50K100	50		100	82×43×153	290	0,30	104,-
HCB99K50	99		50	82×43×153	290	0,30	114,-
HCB100K200	100		200	82×43×153	290	0,30	114,-
HCB200K100	200		100	82×43×153	290	0,30	131,-
HCB200K500	200		500	82×43×153	290	0,30	109,-
HCB0.5T-3	500		1000	82×43×153	-	0,40	215,-
HCB1T-3	1000		2000	82×48×153	-	0,60	280,-
				Stainless steel			
HCN50K100IP	50		100	96×48×179	315	0,50	150,-
HCN100K200IP	100		200	96×48×179	315	0,50	150,-
HCN200K500IP	200		500	96×48×179	315	0,50	150,-



All-purpose small pet scale for mobile and stationary use

Features

- Ideal table scale for weighing small animals or for the laboratory
- Particularly flat design
- Plastic weighing plate, can be removed
- Simple and convenient 2-key operation
- Tare function facilitates formulation work
- Easy and hygienic cleaning
- Ready for use: Batteries included
- Socket for mains adapter included

Technical data

- Large LCD display, digit height 15 mm
- Dimensions weighing surface
 - A \varnothing 82 mm, plastic, with conductive lacquer
 - B \varnothing 105 mm, plastic
 - C \varnothing 150 mm, plastic, see larger picture
- Batteries included, 9 V block, respectively 2x1.5 V AA
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Stainless steel weighing plate, only for models with weighing plate size B , KERNEMB-A02, € 29,-
- External universal mains adapter, with universal input and optional input socket adapters for EU, CH, GB, USA, KERNYKA-03N, € 38,-

STANDARD



OPTION



Model	Weighing capacity [Max] g	Readability [d] g	Weighing plate	Dimensions housing WxDxH mm	Net weight approx. kg	Price excl. of VAT ex works €
KERN						
EMB 200-3	200	0,001	A	170x244x54	0,85	260,-
EMB 200-2	200	0,01	B	170x244x39	0,50	150,-
EMB 600-2	600	0,01	B	170x244x39	0,50	190,-
EMB 2000-2	2000	0,01	C	170x244x39	0,90	250,-
EMB 500-1	500	0,1	C	170x244x39	0,55	63,-
EMB 1200-1	1200	0,1	C	170x245x39	0,55	85,-
EMB 6000-1	6000	0,1	C	170x244x39	0,55	190,-
EMB 2200-0	2200	1	C	170x244x39	0,55	60,-
EMB 5.2K1	5200	1	C	170x244x39	0,55	63,-
EMB 5.2K5	5200	5	C	170x244x39	0,55	60,-



KERN FOB-NS



KERN FOB-NL

Compact stainless steel small pet scales with high-level protection against dust and water splashes

Features

- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- High mobility: thanks to compact, flat construction, it is suitable for use in several locations, secure and non-slip positioning through rubber feet
- Protective working cover included with delivery

KERN FOB-NS

- Particularly flat design
- 1 Protection against dust and water splashes IP65 (only when using battery)

KERN FOB-NL

- 1 FOB3K-4NL: Protection against dust and water splashes IP65 (only when using battery)
- 2 Protection against dust and water splashes IP67 (only when using battery)

Technical data

FOB7K-4NL, FOB10K-3NL, FOB30K-3NL:

- Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].

Accessories

KERN FOB-NS

- Protective working cover, scope of delivery 5 items, KERNFOB-A12S05, € 44,-
- External mains adapter, KERNFOB-A09, € 44,-

KERN FOB-NL

- Protective working cover, scope of delivery 5 items, KERNFOB-A13S05, € 44,-
- External mains adapter, KERNYKA-29, € 43,-

STANDARD



1 2

OPTION



KERN	FOB0.5K-4NS	FOB5K-3NS	FOB3K-4NL	FOB7K-4NL	FOB10K-3NL	FOB30K-3NL
Weighing range [Max] kg	0,5	5	3	5 7,5	8 15	16 30
Readability [d] g	0,1	1	0,2	0,5 1	1 2	2 5
LCD display, digit height	20 mm, without backlight		25 mm, without backlight		25 mm, with backlight	
Weighing plate W×D mm	120×150		248×198		252×200	
Overall dimensions W×D×H mm	170×150×40		295×260×95		285×255×90	
Power supply	Ready for use: battery 9 V block standard, operating time up to 24 h			Ready for use: battery 4×1,5 V AA standard, operating time up to 66 h without backlight		
Net weight approx. kg	0,8		3,8			
Permissible ambient temperature	10 °C/35 °C		10 °C/40 °C		5 °C/35 °C	
Price excl. of VAT exworks	125,-	125,-	330,-	295,-	295,-	295,-



Compact veterinary scale for diverse applications – also with XL platform

Features

- Platform scale to weigh animals
- Weighing plate material, easy and hygienic cleaning
KERNEOB: stainless steel
KERNEOE: steel, painted
- Simple and convenient 4-key operation
- Animal weighing program: while weighing animals that are unable to sit or lie still, a mean average weight value is determined. This allows for sufficient time to attend to the animal, and then get a weight reading
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Universal external mains adapter included with delivery
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Weighing plate dimensions
A W×D×H 315×305×57 mm
B W×D×H 550×550×58 mm
C W×D×H 950×500×58 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h (EOB), 100 h (EOE)
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNEOB-A04BS05, € 44,-
- 1 Stand to elevate display device, for models with weighing plate size A, Height of stand approx. 480 mm KERNEOB-A01N, € 70,-
- 2 Stand to elevate display device, height of stand approx. 1000 mm, KERNEOB-A02B, € 142,-
- Non-slip rubber mat, W×D×H 945×505×5 mm, KERNEOE-A01, € 50,-

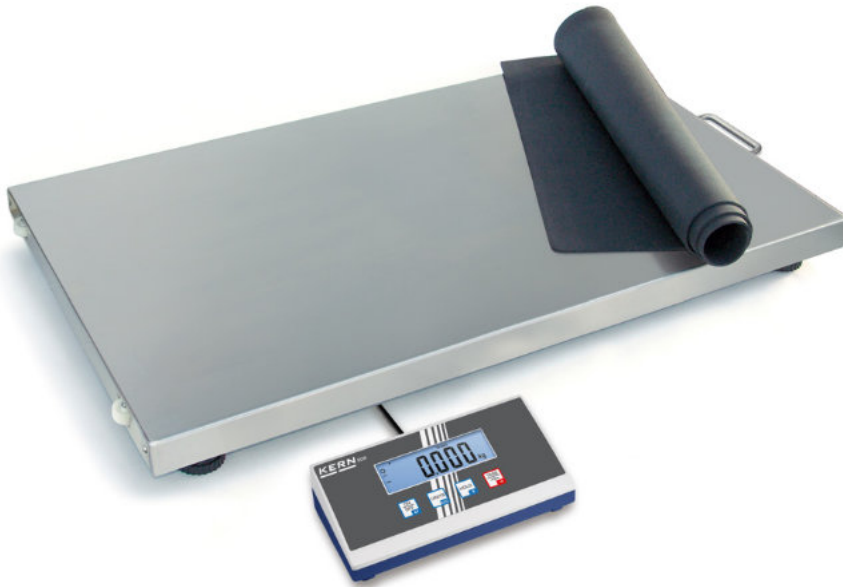
STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate	Cable length (spiral cable) approx m	Net weight approx. kg	Price excl. of VAT ex works €	Option	
							DAKKS KERN	Certificate DAKKS €
KERN								
EOB 15K5	15	5	A	1,8	3,8	200,-	963-128	112,-
EOB 35K10	35	10	A	1,8	3,8	200,-	963-128	112,-
EOB 60K20	60	20	A	1,8	3,8	200,-	963-129	139,-
EOB 60K20L	60	20	B	2,7	13	390,-	963-129	139,-
EOE								
EOE 150K50XL	150	50	C	2	18	470,-	963-129	139,-
EOE 300K100XL	300	100	C	2	18	470,-	963-129	139,-



Affordable veterinary model that is suitable for stationary or mobile use

Features

- Robust platform scale to weigh large animals
- Weighing plate stainless steel, painted steel base. Easy and hygienic cleaning
- The low platform height facilitates access
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Animal weighing program: while weighing animals that are unable to sit or lie still, a mean average weight value is determined. This allows for sufficient time to attend to the animal, and then get a weight reading
- Simple and convenient 4-key operation
- Integrated AUTO-OFF function to preserve the batteries
- Wall mount for display device, standard
- Protective working cover included with delivery
- Non-slip rubber mat included with delivery
- Universal external mains adapter included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length display device, spiral cable, approx. 2,7 m
- Weighing plate dimensions, W×D×H 950×500×58 mm, stainless steel
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Net weight approx. 17 kg

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERNEOB-A04BS05, € 44,-
- Stand to elevate display device, height of stand approx. 1000 mm, KERNEOB-A02B, € 142,-
- 1 Non-slip rubber mat, W×D×H 945×505×5 mm, KERNEOE-A01, € 50,-



Model	Weighing capacity [Max] kg	Readability [d] g	Price	
			excl. of VAT ex works €	Option DAKKS Calibr. Certificate DAKKS KERN €
KERN EOS150K50XL	150	50	510,-	963-129 139,-
KERN EOS300K100XL	300	100	510,-	963-129 139,-

KERN Pictograms

	Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required		ZERO: Resets the display to "0"		Monocular Microscope: For the inspection with one eye
	Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.		Hold function: When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight		Binocular Microscope: For the inspection with both eyes
	Data interface RS-232: To connect the balance to a printer, PC or network		Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value		Trinocular Microscope: For the inspection with both eyes and the additional option for the connection of a camera
	RS-485 data interface: To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible		Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013		Abbe Condenser: With high numerical aperture for the concentration and the focusing of light
	Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals		Suspended weighing: Load support with hook on the underside of the balance		Halogen illumination: For pictures bright and rich in contrast
	WIFI data interface: To transfer data from the balance to a printer, PC or other peripherals		Battery operation: Ready for battery operation. The battery type is specified for each device		LED illumination: Cold, energy-saving and especially long-life illumination
	Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.		Rechargeable battery pack: Rechargeable set		Fluorescence illumination for compound microscopes: With 100 W mercury lamp and filter
	Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.		Battery operation rechargeable: Prepared for a rechargeable battery operation		Fluorescence illumination for compound microscopes: With 3 W LED illumination and filter
	PC Software: to transfer the measurements from the device to a PC		Universal plug-in power supply: with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA		Phase contrast unit: For a higher contrast
	GLP/ISO log: With date and time. Only with KERN printers		Plug-in power supply: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available		Darkfield condenser/unit: For a higher contrast due to indirect illumination
	KERN Communication Protocol (KCP): It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems		Integrated power supply unit: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request		Polarising unit: To polarise the light
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight		Weighing principle: Strain gauges Electrical resistor on an elastic deforming body		Infinity system: Infinity corrected optical system
	Totalling level A: The weights of similar items can be added together and the total can be printed out		Peak hold function: capturing a peak value within a measuring process		Automatic temperature compensation: For measurements between 10 °C and 30 °C
	Weighing units: Can be switched to e.g. non-metric units. Please refer to website for more details		Push and Pull: the measuring device can capture tension and compression forces		Verification possible: The time required for verification is specified in the pictogram
	Weighing with tolerance range (Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model		Integrated scale: In the eyepiece		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram
			360° rotatable microscope head		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram

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KERN – Your partner for Medical scales

Quality & Experience

We are absolutely committed to making products available to you which are of excellent built quality, are extremely robust, have a long service life and are easy to use, too. These three factors: quality, durability and ease of operation have been hallmarks of our products for over 175 years.

Conformity

Particularly in the medical environment, balances are subject to extensive standards and regulations, which serve to protect the users and patients. Over and above these standards, our certified quality management system, as well as our trained medical product advisers ensure rapid and competent product advice on all aspects of medical weighing technology.

Your advantages

fast

- 24 hour dispatch service for products in stock – order today, on its way tomorrow
- Sales & service hotline from 8:00 am to 5:00 pm

reliable

- Up to 3 years warranty
- Precision in weighing technology for more than 175 years


 **Order hotline**
+49 7433 9933 - 0

 **Service hotline**
+49 7433 9933 - 199

 **Calibration hotline**
+49 7433 9933 - 196

 **Online shop**
www.kern-sohn.com

 **E-mail order**
info@kern-sohn.com

 **Our team of consultants will assist you**
from Monday to Friday
from 8:00 am to 5:00 pm

Promptness

The right product, at the right time, in the right place – that is our strength. With our sophisticated internal logistics system we make sure your order is ready for delivery within 24 hours (plus calibration/verification time if applicable). So you can react quickly to your customers' requirements and requests.

Professionalism and trust

On the subject of competent advice: Competence coupled with reliability – for centuries this has been the guiding principle of our company. This is why KERN sells its products exclusively through authorised dealers.

Albert Sauter, Managing Director
[Balingen, December 2022]

competent

- DAKkS accreditation
DIN EN ISO/IEC 17025
- Certified QM system
DIN EN ISO 9001
- Authorisation for initial verification by the manufacturer
2014/ 31/ EU
- Medical certifications
DIN EN ISO 13485 and
93/42/ EEC

versatile

- One-stop shopping:
from height rod through
to chair scale – everything
from one supplier
- Find the product you want at
lightning speed at
www.kern-sohn.com

Retailer information

Sales conditions

All prices are valid as of January 1st 2023. Subject to change without notice. Current prices at www.kern-sohn.com. In Europe, all prices do not include the applicable V.A.T.

Extract from general terms and conditions: Court of jurisdiction/ Legal domicile: 72336 Balingen, Germany; Commercial register N°: HRB400865, AG Stuttgart; Managing director: Albert Sauter. For the full Terms and Conditions, please refer to the website. www.kern-sohn.com/en/kern/agbs.html

Price and product changes are likely in individual cases, due to product modifications as well as errors.

Sale or return: within 14 days of purchase. Not valid for customised items, such as special orders or test services, such as e.g. calibration, verification etc. Depending on the time and effort involved, there may be processing and storage costs, please ask for details.

Warranty:
3 years for products with list price ≥ € 500.00
2 years for components as well as products with list price < € 500.00
Does not apply to consumables such as batteries, rechargeable battery packs, etc.

Balances in the legally regulated range (verification) must comply with the commercial error limits during the verification validity period – these usually amount to twice the permissible error limits. If this verification period expires, a re-verification must be carried out. If an adjustment of the scale to comply with the permissible error limits is necessary to pass this re-verification, this does not constitute a warranty claim.

Delivery Conditions: we supply ex works Balingen, i.e. the transport costs will be invoiced. Delivery is usually via courier service, or by truck. Please ask for prices. Any goods supplied, remain KERN's property until complete payment for the goods sold has been received.

All dimensions are approximate. Subject to technical changes without prior notice as a result.

KERN – Measuring technology, microscopy and testing services from a single source



Medical scales catalogue



Balances & Test service catalogue



Microscopes & refractometers catalogue



SAUTER measuring equipment catalogue



Test service brochure

Repair/Reverification

You need your balance to be reverified by KERN or a defect has occurred which needs to be repaired by at the KERN factory?

KERN will sort the repair for you quickly and easily (repair: 5 days, re-verification: 3 days, plus transport). On request you can have a comparable replacement balance, which is verified if necessary, for the time when your balance is being repaired/reverified – please ask.

Price reduction on a new device: if repair costs exceed the current value of the defective device, a new device will be offered at a discount price. This offer is valid only up to 2 years after warranty expiration.

What is good about KERN

You have no storage costs – we maintain the storage.

Direct dispatch of ordered goods to your customer is available, invoice will be issued to you (third party business).

Our catalogs and brochures are available for free for you as our distributor in neutral version, larger quantities on request.

DAkkS-Certificate

Upon request, you will receive a DAKkS calibration certificate (Deutsche Akkreditierungsstelle GmbH – German accreditation point), which documents the precision of your balance in detail and also serves as your proof that you monitor your checking equipment in a Quality Management System to ISO 9001.

Other information

For balances with build-type approval for verification, which are delivered without verification, it is not possible to carry out the verification at a later date. Without verification, these balances are not medical products in accordance with 93/42/EEC and must therefore not be used in medical applications.

Earth's gravitational force

Electronic balances are subject to location regulations due to the earth's gravitational force. If location of use is changed, re-verification and recalibration of the electronic balance is needed.