

Veterinary scale KERN EOS



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, KERN EOB-A04BS05
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B
- Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01

STANDARD



OPTION



Model	Weighing capacity	Readability	Option DAKKS Calibr. Certificate DAKKS KERN
	[Max] kg	[d] g	
KERN			
EOS 150K50XL	150	50	963-129
EOS 300K100XL	300	100	963-129



Adjusting program CAL:

For quick setting up of the balance's accuracy. External adjusting weight required



Memory:

Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.



Data interface RS-232:

To connect the balance to a printer, PC or network



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



Bluetooth* data interface:

To transfer data from the balance to a printer, PC or other peripherals



WIFI data interface:

To transfer data from the balance to a printer, PC or other peripherals



Control outputs

(optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.



Statistics:

using the saved values, the device calculates statistical data, such as average value, standard deviation etc.



PC Software:

to transfer the measurements from the device to a PC



GLP/ISO log:

With date and time. Only with KERN printers



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



Piece counting:

Reference quantities selectable. Display can be switched from piece to weight



Totalising level A:

The weights of similar items can be added together and the total can be printed out



Weighing units:

Can be switched to e.g. nonmetric units. Please refer to website for more details



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



ZERO:

Resets the display to "0"



Hold function:

When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight



Hold function:

When the weighing conditions are unstable, a stable weight is calculated as an average value



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



Suspended weighing:

Load support with hook on the underside of the balance



Battery operation:

Ready for battery operation. The battery type is specified for each device



Rechargeable battery pack:

Rechargeable set



Battery operation rechargeable

Prepared for a rechargeable battery operation



Universal plug-in power supply:

with universal input and optional input socket adapters for
A) EU, CH
B) EU, CH, GB, USA



Plug-in power supply:

230V/50Hz in standard version for EU. On request GB, AUS or USA version available



Integrated power supply unit:

Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request



Weighing principle: Strain gauges

Electrical resistor on an elastic deforming body



Peak hold function:

capturing a peak value within a measuring process



Push and Pull:

the measuring device can capture tension and compression forces



Integrated scale:

In the eyepiece



360° rotatable microscope head



Monocular Microscope:

For the inspection with one eye



Binocular Microscope:

For the inspection with both eyes



Trinocular Microscope:

For the inspection with both eyes and the additional option for the connection of a camera



Abbe Condenser:

With high numerical aperture for the concentration and the focusing of light



Halogen illumination:

For pictures bright and rich in contrast



LED illumination:

Cold, energy-saving and especially long-life illumination



Fluorescence illumination for compound microscopes:

With 100 W mercury lamp and filter



Fluorescence illumination for compound microscopes:

With 3 W LED illumination and filter



Phase contrast unit:

For a higher contrast



Darkfield condenser/unit:

For a higher contrast due to indirect illumination



Polarising unit:

To polarise the light



Infinity system:

Infinity corrected optical system



Automatic temperature compensation:

For measurements between 10 °C and 30 °C



Verification possible:

The time required for verification is specified in the pictogram



Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram



Pallet shipment:

The time required for internal shipping preparations is shown in days in the pictogram

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