Stainless Steel Small Pet Scale KERN FOB-NS · FOB-NL

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
- ❶ Protection against dust and water splashes IP65 (only when using battery)

KERN FOB-NL

- ❶ FOB 3K-4NL: Protection against dust and water splashes IP65 (only when using battery)
- ❷ Protection against dust and water splashes IP67 (only when using battery)

Technical data

FOB 7K-4NL, FOB 10K-3NL, FOB 30K-3NL

- With multi-division balances, the weighing range is divided into several sections, each with a different readout. The readout changes automatically with the increasing or decreasing load, depending on the load applied. I.e. if the value goes below or above the limit values, the readout adjusts automatically. One advantage of multi-division balances is that when the load decreases, the balance switches to a finer resolution without having to remove all the load from the balance. Another advantage of multi-division balances is that by taring off, it is possible to switch from a coarse resolution to a finer one. To all intents and purposes, the user has several balances in one

Accessories

KERN FOB-NS

- Protective working cover, scope of delivery 5 items, KERN FOB-A12S05
- External mains adapter, KERN YKA-46

KERN FOB-NL

- Protective working cover, scope of delivery 5 items, KERN FOB-A13S05
- External mains adapter, KERN YKA-29

STANDARD | OPTION

CAL EXT | UNIT | IP 65 ❶ | IP 67 ❷ | BATT | DMS | 1 DAY | 230 V

KERN	FOB 0.5K-4NS	FOB 5K-3NS	FOB 3K-4NL	FOB 7K-4NL	FOB 10K-3NL	FOB 30K-3NL
Weighing capacity [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, wih backlight	
Weighing plate W×D mm	120×150		248×198		252×200	
Overall dimensions W×D×H mm	150×170×40		295×260×95		285×255×90	
Power supply	Batteries included, 9 V block, operating time up to 20 h		Batteries included, 4×1.5 V AA, operating time up to 48 h			
Net weight approx. kg	0,80		3,8			
Permissible ambient temperature	10 °C – 35 °C	10 °C – 40 °C	5 °C – 35 °C			

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

USB data interface
To connect the balance to a printer, PC or other peripherals

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 (opto-coupler, digital I/O)
To connect relays, signal lamps, valves, etc.

Statistics
sing 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 internal
The balance displays weight, date and time, independent

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, IEC0529:1989+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

Battery operation rechargeable
Prepared for a rechargeable battery operation

Rechargeable battery pack
Rechargeable set

Universal plug-in power supply
with universal input and optional input socket adapters for
A) EU, CH
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

Plug-in power supply
230V/50Hz in standard version for EU. On request GB, AUS or US version available

Integrated power supply unit
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US 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

Conformity assessment
The time required for conformity assessment 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