

## Organ scale KERN FOB-NLO



Compact organ scale made of stainless steel, particularly well protected and hygienic to clean thanks to IP67 protection and smooth stainless steel surfaces

### Features

- Particularly suitable to determine the specific weight of organs, tissues, etc. in pathology or in the laboratory
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- Protection against dust and water splashes IP67 (only when using battery)
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Protective working cover included with delivery

### Technical data

- Large backlit LCD display, digit height 25 mm
- Overall dimensions W×D×H 285×255×90 mm
- Ready for use: Batteries included, 4×1.5 V AA, operating time up to 48 h
- Net weight approx. 3,8 kg
- Permissible ambient temperature 5 °C/35 °C

### Accessories

- Protective working cover, scope of delivery 5 items, KERN FOB-A13S05
- External mains adapter, KERN YKA-29
- Tare pan made from stainless steel, Overall dimensions W×D×H, 400×300×45 mm, KERN RFS-A02

STANDARD					OPTION
CAL EXT	UNIT	IP 67	BATT	DMS	1 DAY
					230 V

Model	Weighing capacity	Readability	Weighing plate
	[Max] kg	[d] g	mm
KERN			
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].			
FOB 7K-4NLO	5   7,5	0,5   1	252×200

Stainless steel small pet scales 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
- **1** Protection against dust and water splashes IP65 (only when using battery)

### KERN FOB-NL

- **1** FOB 3K-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

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

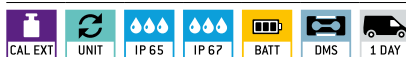
#### KERN FOB-NS

- Protective working cover, scope of delivery 5 items, KERN FOB-A12S05
- External mains adapter, KERN FOB-A09

#### KERN FOB-NL

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

#### STANDARD



#### OPTION



KERN	FOB 0.5K-4NS	FOB 5K-3NS	FOB 3K-4NL	FOB 7K-4NL	FOB 10K-3NL	FOB 30K-3NL
<b>Weighing range [Max] kg</b>	0,5	5	3	5   7,5	8   15	16   30
<b>Readability [d] g</b>	0,1	1	0,2	0,5   1	1   2	2   5
<b>LCD display, digit height</b>	20 mm, without backlight		25 mm, without backlight		25 mm, with backlight	
<b>Weighing plate WxD mm</b>	120x150		248x198		252x200	
<b>Overall dimensions WxDxH mm</b>	170x150x40		295x260x95		285x255x90	
<b>Power supply</b>	Ready for use: battery 9 V block standard, operating time up to 24 h			Ready for use: battery 4x1,5 V AA standard, operating time up to 66 h without backlight		
<b>Net weight approx. kg</b>	0,8			3,8		
<b>Permissible ambient temperature</b>	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



### 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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