### Stainless steel scale KERN FOB-NS





# Particularly handy stainless steel balance with IP65 protection against dust and water splashes

#### Features

- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Particularly flat design
- Your support in a **HACCP**-compliant quality system
- **High mobility:** thanks to compact, flat construction, it is suitable for use in several locations (kitchen, sales office, market stall etc.)
- Secure and non-slip positioning with rubber feet
- **IP65:** Protected against dust and water splashes (only when using battery)
- Ready for use: battery 9 V block standard, operating time up to 24 h

#### Technical data

- Large LCD display, digit height 20 mm
- Overall dimensions WxDxH 170x150x40 mm
- Permissible ambient temperature 10 °C / 35 °C

#### Accessories

- Protective working cover over keyboard and housing standard. Can be re-ordered, scope of delivery: 5 items KERN FOB-A12S05
- Mains adapter external, not included, can be retrofitted, KERN FOB-A09

STANDARD					OPTION			
CAL EXT	<b>000</b> IP 65		BATT	DMS	1 DAY	2 <sub>YEARS</sub> WARRANTY	230 V	DAkks +3 days

Model	Weighing range	Readout Net weight approx.		Weighing plate	Option DAkkS Calibr. Certificate
KERN	[Max] kg	[d] g	kg	mm	DKD KERN
FOB 0.5K-4NS	0,5	0,1	0,7	150x120	963-127
FOB 5K-3NS	5	1	0,7	150x120	963-127

## **KERN Pictograms:**



Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).



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,



Alibi memory: Electronic archiving of weighing results, complying with the 2009/23/EC standard.



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. High tolerance against electromagnetic disturbance.



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.



WLAN 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.



Interface for second balance: For direct connection of a second balance.



Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.

((†)))	
RC	l

Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.



GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.

CLD
GLP
PRINTER

GLP/ISO log: With weight, date and time. Only with KERN printers.





in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device. Stainless steel: The balance is protected

ATEX explosion protection: Suitable for use

Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. FORCE For the most accurate weighings.

A resonating body is electromagnetically

Suspended weighing: Load support with

hook on the underside of the balance.

Battery operation: Ready for battery

and optional input socket adapters for

Mains adapter: 230V/50Hz in standard

Power supply: Integrated in balance.

e.g. GB, USA or AUS on request.

Electrical resistor on an elastic

Weighing principle: Strain gauge

Weighing principle: Tuning fork

excited, causing it to oscillate.

version for EU. On request GB, USA or AUS

230V/50Hz standard EU. More standards

Rechargeable battery pack:

for each device.

Rechargeable set.

B) EU. GB. CH. USA C) EU, GB, CH, USA, AUS

version available.

deforming body.

A) EU, GB

operation. The battery type is specified

Universal mains adapter: with universal input

SC TECH

Ŧ

UNDER

BATT

ACCU

MULTI

230 V

-6-

230 V

DMS

(((**U**))

T-FORK

V S

Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.

Verification possible: The time required for verification is specified

in the pictogram.



in the pictogram. DAkkS calibration possible (DKD): The time

required for DAkkS calibration is shown in days



DAkkS

Package shipment: The time required for internal shipping preparations is shown in days 1 DAY in the pictogram.



Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.



Warranty: The warranty period is shown in the pictogram.

## KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2000 kg. In combination with a DAkkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and forcemeasurement in Europe.

Thanks to the high level of automation, we can carry out DAkkS calibration of

## Your KERN specialist dealer:

balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

#### **Range of services:**

- · DAkkS calibration of balances with a maximum load of up to 50 t
- DAkkS calibration of weights in the range of 1 mg 2500 kg
- · Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAkkS calibration certificates in the following languages D, GB, F, I, E, NL, PL
- against corrosion. INOX

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value.

lower limiting values can be programmed indivi-TOL dually for e.g. dosing, sorting and portioning.



Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average

Protection against dust and water splashes 666 IPxx: The type of protection is shown in the pictogram.

Piece counting: Reference quantities selec-

table. Display can be switched from piece

Recipe level A: Separate memory for the

weight of the tare container and the recipe

Recipe level B: Internal memory for complete

recipes with name and target value of the recipe

ingredients. User guidance through display.

Recipe level C: Internal memory for complete

recipes with name and target value of the

recipe ingredients. User guidance through

display, adjustment of recipe when dosages are exceeded, multiplier function, barcode.

Totalising level A: The weights of similar

items can be added together and the total

Totalising level C: Internal memory for com-

plete recipes with name and target value of

the recipe ingredients. User guidance through

display, adjustment of recipe when dosages

are exceeded, multiplier function, barcode

Percentage determination: Determining

Weighing with tolerance range: Upper and

PCS

RECIPE

RECIPE

RECIPE

H

SUM

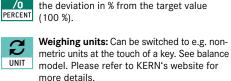
SUM

<u>%</u>

З

to weight.

ingredients (net total).



can be printed out.

recognition.