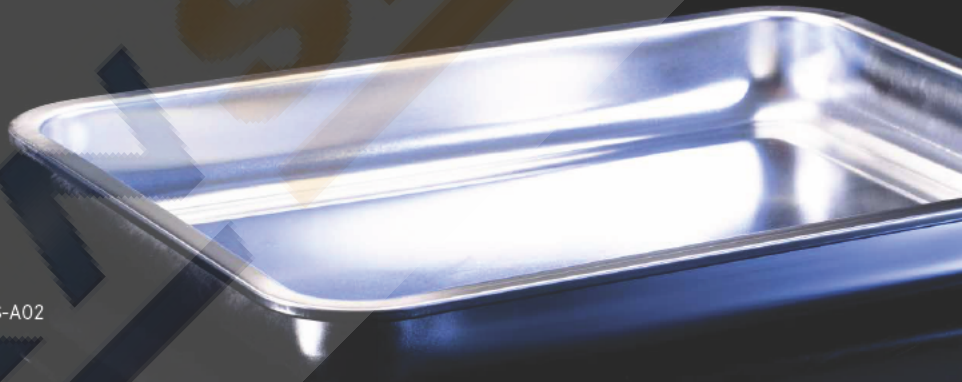


# Hospital need

## PROFESSIONAL CARE



KERN FOB-NLO



KERN RFS-A02

### **KERN scales and measuring instruments for clinics, medical practices and rehabilitation facilities**

Reliable scales are not only required in direct contact with patients, but also in adjacent areas such as laboratories, research, pathology, hospital laundries, etc. a wide variety of scales are used. These scales also have to meet high requirements, such as robust, dirt-repellent stainless steel surfaces that are hygienic and easy to clean. Simple operation and clearly legible displays speed up daily work, save costs and help to avoid mistakes.

The practical dynamometers, which we offer in various designs and measuring ranges, are particularly suitable for measuring muscle forces in the context of rehabilitation measures.



## Stainless steel drive-through scale with two integrated access ramps, verification optional

### Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc. Ideal for hospital laundry services, goods inwards, hospital kitchens, etc.
- Low platform height and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- Weighing bridge stainless steel, extremely resistant to bending
- **1** 4 load cells, stainless steel, encapsulated, protection against dust and water splashes IP68, suitable for continuous use in wet areas
- **2** Stainless steel display device with protection against dust and water splashes IP65
- Superior display size: digit height 52 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy and hygienic cleaning
- Suitable for the ever-increasing hygienic requirements in the medical environment
- Totalising of weights and piece counts
- Internal rechargeable battery pack included with the delivery

### Technical data

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions W×D 1000×1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions W×D×H 1600×1200×80 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN YKP-02
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03
- **4** Large display with superior display size, KERN YKD-A02
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01

- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03
- Matrix needle printer, KERN YKN-01
- Affordable universal label printer to print out weights on thermal labels. ASCII-capable. Convenient Auto-Forward function to automatically jump from label to label (only with KERN standard labels), KERN YKE-01
- Thermal printer, KERN YKB-01N
- For further details, plenty of further accessories and suitable printers, see Internet

**Note:** For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame. Optionally configurable with IP68 display device on request.

Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

### STANDARD




### FACTORY










Model	Weighing range	Readout	Verification value	Minimum load	Net weight approx.	Mandatory by law Verification
	[Max] kg	[d] kg	[e] kg	[Min] kg	kg	
<b>KERN</b>						<b>KERN</b>
<b>NFN 600K-1M</b>	600	0,2	0,2	4	105	965-230
<b>NFN 1.5T-4M</b>	1500	0,5	0,5	10	105	965-230



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

Features	Technical data	Accessories
<ul style="list-style-type: none"><li>• Particularly suitable to determine the specific weight of organs, tissues, etc. in pathology or in the laboratory</li><li>• Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean</li><li>• Protection against dust and water splashes IP67 (only when using battery)</li><li>• High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations</li><li>• Protective working cover included with delivery</li></ul>	<ul style="list-style-type: none"><li>• Large backlit LCD display, digit height 25 mm</li><li>• Overall dimensions W×D×H 285×255×90 mm</li><li>• Ready for use: Batteries included, 4×1.5 V AA, operating time up to 48 h</li><li>• Net weight approx. 3,8 kg</li><li>• Permissible ambient temperature 5 °C/35 °C</li></ul>	<ul style="list-style-type: none"><li>• Protective working cover, scope of delivery 5 items, KERN FOB-A13S05</li><li>• External mains adapter, KERN YKA-29</li><li>•  Tare pan made from stainless steel, overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02</li></ul>

STANDARD		OPTION	
			
			
Model	Weighing capacity	Readability	Weighing plate W×D
KERN	[Max] kg	[d] g	mm
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



## SAUTER FH



## SAUTER FK



## Force measurement for medical applications

## Features

- Determining muscle function and force is used within many areas of medical diagnostics. Amongst others, in
  - orthopaedics for determining the function of the musculoskeletal system
  - physiotherapy for restoring motivity
  - occupational therapy for treating physical damage
- Within sport, too, measuring muscular force development can be used alongside training
- These measurements can be supported by the SAUTER FK (alternatively SAUTER FH) force gauge when connected with the three physio sensors (AC 45, AC 46, AC 47) as shown
- These sensors to measure muscular strength have been designed in an ergonomic manner. The surface is made of soft foam rubber, which sits comfortably against the skin

- Connecting the precision measuring device with the optional stainless steel handles SAUTER AFK 02 | AFH 04 means that you can obtain reliable weighing results
- Our recommendation: Combine the force measuring device (SAUTER FK or FH) with the stainless steel handles (Sauter AFK 02 or AFH 04, depending on the force measuring device selected) and one or more physio sensors (AC 45, AC 46, AC 47)
- All components can be ordered individually

## Technical data

## SAUTER FK

- Ready for use: Batteries included, 6×1.5 V AA

## SAUTER FH

- Rechargeable battery pack integrated, as standard, operating time up to 12 h without backlight, charging time approx. 4 h

## Accessories

- 1** Concave force sensor with optimised radius for the measurement particularly of arms and legs up to 1 kN, inner thread: M6, KERN AC 45
- 2** Flat square-shaped sensor for lateral power sensing of back, chest or arm up to 1 kN, inner thread: M6, KERN AC 46
- 3** Round sensor to measure particular muscle groups, such as, for example, the shoulder up to 1 kN, inner thread: M6, KERN AC 47

## SAUTER FK

- 1** Stainless steel handle bar with rubber grip, SAUTER AFK 02
- Threaded pin made of steel for SAUTER force gauges and clamps, external thread: M6, internal thread: M8, KERN AFM 22

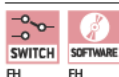
## SAUTER FH

- 1** Stainless steel handle bar with rubber grip, SAUTER AFH 04

## STANDARD



## OPTION



Model	Measuring range	Division	Thread	Overall dimensions W×D×H	Net weight approx.
SAUTER	[Max] N	[d] N		mm	kg
FK 50	50	0,02	M8	195×82×35	0,75
FK 100	100	0,05	M8	195×84×35	0,60
FK 250	250	0,1	M8	195×82×35	0,60
FK 500	500	0,2	M8	195×84×35	0,65
FK 1K	1000	0,5	M8	195×83×35	0,50
FH 50	50	0,01	M6	240×66×36	0,65
FH 100	100	0,05	M6	270×66×36	0,80
FH 200	200	0,1	M6	244×65×36	0,80
FH 500	500	0,1	M6	230×66×36	0,80