

Medical catalogue 2018



Scales

For medical, health & veterinary requirements

Soehnle Industrial Solutions

Soehnle Industrial Solutions is one of the leading European companies in professional weighing and measuring technology. In addition to our proven standard scales for trade, commerce and industry as well as medical, health and veterinary requirements, we also provide customized products tailored to customer's needs.

We develop and produce mainly in Germany and distribute our products around the world. As a medium-sized company, we stand for a strong brand, high-quality products and a customeroriented service.

Made in Germany

means for us:



- ▶ The scale is manufactured at our headquarters in 71522 Backnang.
- We commit ourselves to Germany as a production site and we do our best to strengthen it.
- All components of our scales are stored as spare parts so that we can guarantee a professional maintenance over many years at both the factory as well as our service partners.



Information on medical scales

The term personal medical scales covers all non-automatic scales used in medical care to measure body weight (e.g. hospital scales, baby scales, chair weighers and bed scales). These scales are subject to the European Directive 2014/31/EU. Medical personal scales are also part of the wide range of medical products, which can be marketed in accordance with the Directive 93/42/EEC (MPG).

Medical device directive (MPG)

This law regulates trade with medical products, thus ensuring the safety, suitability and appropriate performance of medical products and the safety and required protection of patients, users and third parties (§1 Purpose of the law).

www.ec.europa.eu/growth/single-market/european-standards/ harmonised-standards/medical-devices

Approval

Approval is the official testing of a measuring device for compliance with design regulations and for the correct display of readings within the allowed error tolerances. Before a measuring device can be officially approved, design certification must be obtained.

Validity period of official approval (German law)

4 years personal scales, baby scales, chair weighers, wheelchair weighers, mechanical scales, multifunction scales

For personal scales, which are used in doctor's offices, only the first approval is required.

All details are given without guarantee and with no claim to completeness. We shall not be liable for the accuracy of the links and their content.

Payment and delivery terms

Prices are non-binding list prices excluding VAT. We reserve the right to change designs and prices without notice. Delivery takes place in accordance with our General Terms and Conditions *https://soehnle-professional.com/en/terms*

Delivery

Delivery terms are subject to agreement.

Invoicing

All invoices are made out in euros unless otherwise agreed upon.

Approval costs

Approved scales are supplied at the cost of the approval according to the price list.

Units

Ex works in kg.

Dimensions

L x W x H mm.

Warranty

We provide 24 months warranty on our new products.

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Signs and symbols



CE mark

Soehnle Industrial Solutions Scales carry the CE mark according to valid standards.



Approval

Scales with this mark are approved as a non-automatic scales according to Accuracy Class III.



Directive 2014/31/EC

Approved scales comply with weighing instruments Directive 2014/31/EC.



Medical Device Directive

Our scales comply with the European Medical Device Directive (2007/47/EG, 93/42/EEC) and non-automatic weighing instruments.



OIML

The "International Organization of Legal Metrology (OIML)" certifies that the measuring device design complies with the recommendations of the OIML.



Protection Class

Dust and spray protection. Protection Class according pictogram.



SIS-Total-Quality-Management

Soehnle Industrial Solutions scales are manufactured to the highest standards of the SIS-Total-Quality-Management. Comprehensive quality controls at all stages of the production process guarantee consistent quality products.



Product made of stainless steel

Scales with this symbol consist of stainless steel 1.4301.



Interface: RS232

With the RS232 interface and a data cable, weight data from the scales can be transmitted directly to a PC/printer.



Interface: USB

With the USB interface and a data cable, weight data from the scales can be transmitted directly to a PC/printer.



Bluetooth™

Scales with this symbol allow wireless data transfer via Bluetooth $^{\rm TM}$ or have this opinion.



Wireless device with battery or rechargeable battery operation

Devices with this symbol have battery or rechargeable battery operation.



Body-Mass-Index

The BMI value is automatically calculated.



Muscle percentage of body weight The muscle percentage is displayed.



Fat percentage of body weight The body fat percentage is displayed.



Water percentage of body weight The water percentage of body is displayed.



Required calories per day The required calories per day will be calculated automatically.



1. Baby scales

For hospitals, doctors, pharmacies, midwives and mothers





8352 "Multina Comfort"

Baby scale with detachable baby tray







8310 "Home" Baby scale



Baby scale "Exklusiv" approved 7752





- Approved to class III, MPG class 1
- Very fine division 2 g / 5 g

Eigenschaften

- Approved to class III, MPG class 1
- Very fine division 2 g / 5 g
- Backlit LC display, 16 mm digit height
- ▶ 5- button operation with programmable function key
- Tare function: Covers / paddings can be tared



- ▶ Hold function for easy reading of the weight value after weighing
- Simple differential weighing after breastfeeding / feeding possible (BMIF)
- Power supply operation 100 240 V, 50-60 Hz
- Analogue and digital measurements with baby height rod, optionally available

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
7752 approved				
7752.01.001	601 x 385 x 129	6 15	2 5	6,8
Accessories		Order No.	Measuring range	Division
			cm	mm
Baby height rod		5005.11.001	35 - 80,1	1
Interface RS232, installed*		2563.41.004		
Alibi memory, installed*		2792.20.002		
Data cable PC/IT (Cable ler	ngth 2 m)	2550.03.002		
Data cable PC/IT (Cable ler	ngth 2 – 10 m)	2550.00.008		
UK adapter		2557.25.002		
US adapter		On request		

* The installation can be carried out only at the factory. Retrofitting is not possible. Description baby height rod see page 49.



Baby scale "Multina Comfort" 8352







- Detachable baby tray
- With adjustable baby height rod (optional)

Characteristics

- Simple operation with only one button
- With detachable baby tray
- Easy to read LC display, 13 mm digit height
- Tare function: Covers/paddings can be tared
- Hold function for easy reading of the weight value after weighing



- > Analogue and digital measurements with baby height rod possible
- Scale can be used to weigh children up to 20 kg
- Switchable to kg/lb units
- Energy-saving auto-off function
- Battery operation with 9-volt battery (included in scope of delivery)

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
8352				
8352.01.001	601 x 346 x 92	20	10	3.5

Accessories	Order No.	Measuring range	Division
		cm	mm
Baby height rod	5005.11.001	35 - 80.1	1
Carry bag black, with detachable shoulder strap and durable zipper	5040.03.001		

Description baby height rod see page 49.



Baby scale "Easy" with fold function 8320



Low space requirement due to fold function

Easy to transport

Characteristics

- Patented folding mechanism with magnetic lock
- Low space requirement, easy to transport
- Easy to read LC display, 15 mm digit height
- ► Tare function: Covers/paddings can be tared
- Hold function for easy reading of the weight value after weighing
- Switchable to kg/lb units
- Energy-saving auto-off function
- Battery operation with two AAA alkaline batteries (included in scope of delivery)

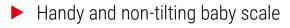
Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
8320				
8320.01.001	395 x 315 x 105 (closed) 740 x 315 x 53 (open)	15	10	2

Accessories	Order No.
Carry bag black, with flexible shoulder strap and two carrying handles	5040.01.001



Baby scale "Home" 8310





Easy to clean

Characteristics

- Easy to read LC display, 14 mm digit height
- ► Tare function: Covers/paddings can be tared
- ▶ Hold function for easy reading of the weight value after weighing
- ▶ Easy to clean plastic housing

- Switchable to kg/lb units
- Energy-saving auto-off function
- Battery operation with four AA alkaline batteries (included in scope of delivery)

SOEHNLE

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
8310				
8310.01.001	600 x 340 x 85	20	10	1.7

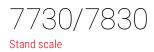
Accessories	Order No.
Carry bag black, with carrying strap and durable zipper	5040.02.001



Pharmacies kg tare function Contraction approved

2. Personal scales with stand

For clinics, doctors, pharmacies, fitness studios, rehabilitation and care facilities





7730.65 Stand scale



7731/7831 Stand scale with height rod

7850

Fitness scale





Stand scale 7730/7830



Characteristics

- Model 7730: Approved to class III, MPG class 1
- Extra large tread: 320 x 400 mm
- Bright luminous LED display, 15 mm digit height
- ▶ Instant-start-function by stepping on the scale (only with mains operation)
- Tare function
- Mother-child-weighing
- Easy to clean surface

- Service interface (resp. data cable, see accessories)
- ▶ Model 7830: Switchable to kg/lb units
- ▶ Energy-saving auto-off function
- Mains operation 100 240 V, 50-60 Hz
- > Optional rechargeable battery operation (see accessories)
- Optional wheels for the easy transport of the scale to the patient (see accessories)

Order No.	Dimensions mm	Maximum capacity kg	Division g	Own weight kg
7730 approved				
7730.01.001	365 x 490 x 890	150 250	50 100	14.1
7830				
7830.30.001	365 x 490 x 890	250	100	14.1
7000.001		200	100	

Accessories

Order	No.
-------	-----

Data cable for service interface	2550.03.019
Rechargeable battery, installed*	2557.12.002
Wheels (2 pieces), installed*	2513.12.002

* The installation of the rechargeable battery and wheels can be carried out only at the factory. Retrofitting is not possible.





Stand scale with height rod 7731/7831



Solid platform surface

Characteristics

- Model 7731: Approved to class III, MPG class 1
- ▶ Integrated height rod, unit: 1 cm
- Indication of weight, height and BMI
- Extra large tread: 320 x 400 mm
- Bright luminous LED display, 15 mm digit height
- ▶ Instant-start-function by stepping on the scale (only with mains operation)
- ► Tare function
- Mother-child-weighing

- Easy to clean surface
- Service interface (resp. data cable, see accessories)
- Model 7831: Switchable to kg/lb units
- Energy-saving auto-off function
- Mains operation 100 240 V, 50-60 Hz
- Optional rechargeable battery operation (see accessories)
- Optional wheels for the easy transport of the scale to the patient (see accessories)

Order No.	Dimensions mm	Maximum capacity kg	Division g	Own weight kg	Measuring range cm
7731 approved					
7731.01.001	365 x 490 x 1.280	150 250	50 100	17.2	118 – 202
7831					
7831.30.001	365 x 490 x 1.280	250	100	17.2	118 – 202

Accessories

Order No.

Data cable for service interface	2550.03.019
Rechargeable battery, installed*	2557.12.002
Wheels (2 pieces), installed*	2513.12.002

* The installation of the rechargeable battery and wheels can be carried out only at the factory. Retrofitting is not possible.





Stand scale approved 7730.65



Communication and function management

Solid platform surface up to 300 kg



Characteristics

- Approved to class III, MPG class 1
- Extra large tread: 320 x 400 mm
- ▶ Easy to clean surface
- Backlit LC display, 16 mm digit height
- ▶ 5-button operation with programmable function key
- Manual input of tare values by function key
- Optional RS232 interface, to connect a printer or PC

- Energy-saving auto-off function
- Version .001: Mains operation 100 240 V, 50 60 Hz
- Version .003: Battery operation (with six Mignon batteries 1,5 V AA, included in scope of delivery)
- > Optional rechargeable battery operation (see accessories)
- Optional wheels for the easy transport of the scale to the patient (see accessories)

Order No.	Dimensions mm	Maximum capacity kg	Division g	Own weight kg
7730.65 approved				
7730.65.001	365 x 490 x 1.140	300	100	15.6
Accessories		Order No.		
Interface RS 232, installed*		2563.41.004		
Data cable (Cable length 2 m)		2550.03.002		
Alibi memory, installed*		2792.20.002		
Wheels (2 pieces), installed*		2513.12.002		
Rechargeable battery, installed (operating time: 20 h, charging		2557.40.003		

* The installation can be carried out only at the factory. Retrofitting is not possible. For more accessories see page 39.



Fitness scale 7850



24-03-20	10.00.5			
24-03-20 Height:	10 09:5	0	160	c m
Age:			26	
Sex:			fem	ale
Weight w	ith			
clothing			55.	4 kg
Weight w			1.0	
clothing BMI:Gewi			52. 20.	
DMI.Gewi	Cht Ck			
			uat	
		oh wel	ak	top
		1		
Fat:	25.2%			
Water:	55.0%			
Muscles:	36.9%			
Your cur consumpt		ergy		9 k c a

Measurement of muscle, fat and water components, BMI and caloric needs per day

Printout of the measurement values



Characteristics

- Measurement of muscle, fat and water components in the body
- ▶ Impedance measurement via the hands, no need to take off the shoes
- Large LC display
- Indication of time in standby mode
- Simple self-explanatory menu guide on the glass surface
- ► No limit on measurement for over- and underweight people
- Clothing weight value seasonally adjustable
- Automatic data printout of the analysis measurements
- Optional: Company information on printout individually adjustable prior to delivery (see accessories)

- ▶ Extra large tread: 320 x 400 mm
- Switchable to kg/st/lb units
- Mains operation 100 240 V, 50-60 Hz

Available languages:

German, English, French, Spanish, Italian, Greek, Turkish, Hungarian, Dutch, Czech, Danish, Finnish, Swedish, Norwegian, Slovak, Polish, Russian

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
7850				
7850.30.001	365 x 490 x 1.290	180	100	15.8
Accessories	Order No.			
Paper for thermal printer (10 rolls, 58 n	nm) 2500.01.008			
UK adapter	2557.25.001			
Customization of the printout	5751.07.001			



3. Personal scales

For hospitals, sport centers, home use and sport events

6163 Mechanical personal scale



7810 Digital personal scale



7801 Mobile personal scale



7815 Digital personal scale



Mechanical personal scale 6163



Classic circle pointer display

Easy to read in kg-steps

Characteristics

- ▶ Large and clear circle pointer display, diameter: 18 cm
- Easy to read in kg steps
- Manual zero resetting possible

- ▶ Attractive chrome trim ring, diameter: 21 cm
- ► Sturdy steel housing
- Weighing platform with easy-to-clean plastic covering

Order No.	Dimensions mm	Maximum capacity kg	Division kg	Own weight kg
6163				
6163.02.001	320 x 430 x 70	160	1	3



Mobile personal scale 7801





Ideal for mobile use

Weighing platform with separate display

Characteristics

- ► Fast 1-button operation
- Easy to read LC display, 20 mm digit height
- ▶ Tare function for mother-child-weighing
- ▶ Hold function for easy reading of the weight value after weighing
- Model without carry case includes wall bracket
- Display made of high quality plastic

- ▶ Flat weighing platform with easy to clean surface
- Cable length of approx. 2 m from display to platform
- Units in kg or lb
- Energy-saving auto-off function
- Rechargeable battery operation with integrated charger (operating time 50 h, charging time 5.5 h)
- Dimensions carry case: 600 x 420 x 140 mm

Order No.	Description	Platform size mm	Maximum capacity kg	Division g	Own weight kg
7801					
7801.75.002	Without carry case	310 x 275 x 34	200	100	7
7801.70.002	With carry case	310 x 275 x 34	200	100	9

Accessories

Order No.

UK adapter	2557.25.002
US adapter	On request



Digital personal scale 7810



Extra flat design

Mobile use due to low own weight

Characteristics

- ► Easy to use
- Sofort-Start-Funktion durch Antippen der Wägeplattform
- Easy-to-read LC display, 26 mm digit height
- ▶ Hold function for easy reading of the weight value after weighing
- ▶ Units in kg, lb or st, switchable at the bottom of the scale
- Energy-saving auto-off function after approx. 8 seconds
- Battery operation with one CR2032 button cell battery (included in scope of delivery)

Order No.	Platform size mm	Maximum capacity kg	Division g	Own weight kg
7810				
7810.01.001	304 x 385 x 26	150	100	1,4



Digital personal scale 7815





- High weighing range up to 250 kg
- Easy transport through the handle at the bottom of the scale

Characteristics

- Easy to use
- Large weighing platform with non-slip surface
- Instant-start-function by tapping the weighing platform
- Easy to read LC display, 30 mm digit height
- Hold function for easy reading of the weight value after weighing
- ► Switchable to kg/lb units
- ▶ Energy-saving auto-off function after approx. 30 seconds
- Low battery indicator (battery symbol in display)
- Battery operation with 4 AA alkaline batteries (included in scope of delivery)

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
7815				
7815.01.001	357 x 357 x 45	250	100	2.9



4. Chair weighers

For hospitals, retirement homes and care facilities

Chair weighers 7702/7802



- Model 7702: approved to class III, MPG class 1
- Ergonomically shaped and easy to clean seat
- Dimensions seat: 41 x 40 cm
- Hinged arm- and footrests
- Energy-saving auto-off function
- Rechargeable battery operation with integrated charger
- Tare function: Covers/paddings can be tared
- ▶ Hold function for easy reading of the weight value after weighing
- Version .002: two rear swivel castors with rear fixing brakes Version .402: four swivel castors with rear fixing brakes
- Model 7702.65 with additional functions: 5-button operation with programmable function key (e.g. for BMI, tare or hold), manual input of tare values, secure data transfer (checksum CRC16)
- Model 7802: Switchable to kg/lb units





Order No.	Description	Dimensions	Maximum capacity	Division	Own weight
		mm	kg	g	kg
7702 approved					
7702.37.002	Terminal Basic E, two rear swivel castors	580 x 1.100 x 930	150 200	50 100	25
7702.37.402	Terminal Basic E, four swivel castors	580 x 1.100 x 930	150 200	50 100	25
7702.65.002	Terminal Standard, two rear swivel castors	580 x 1.100 x 930	150 200	50 100	25
7702.65.402	Terminal Standard, four swivel castors	580 x 1.100 x 930	150 200	50 100	25
7802					
7802.70.002	Terminal Basic, two rear swivel castors	580 x 1.100 x 930	200	100	25
7802.70.402	Terminal Basic, four swivel castors	580 x 1.100 x 930	200	100	25

Accessories for the Terminals Basic, Basic E and Standard can be found on page 39 – 40.

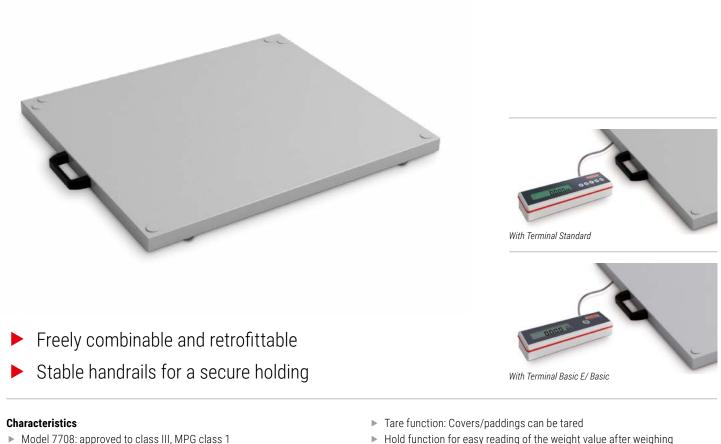
5. Bariatric scales

For hospitals, retirement homes and care facilities

wall bracket secure hold bariatric scale tare function

nospital KO

Bariatric scales 7708/7808



- Large and flat weighing platform and handrails made of white painted aluminium
- Transportable through lightweight construction, two wheels and carry handle
- Includes wall bracket for the terminal
- Energy-saving auto-off function with battery operation

- ▶ Model 7708.65 with additional functions: 5-button operation with programmable function key (e.g. for BMI, tare or hold), manual input of tare values, secure data transfer (checksum CRC16)
- Model 7808: Switchable to kg/lb units

Order No.	Description	Dimensions mm	Maximum capacity kg	Division g	Own weight kg
7708 approved					
7708.37.002	Terminal Basic E, rechargeable battery operation with charger	840 x 880 x 55	300	100	16
7708.65.001	Terminal Standard, mains operation	840 x 880 x 55	300	100	16
7708.65.002	Terminal Standard, rechargeable battery operation with charger	840 x 880 x 55	300	100	16
7808					
7808.70.002	Terminal Basic, rechargeable battery operation with charger	840 x 880 x 55	300	100	16

Accessories see page 30 - 31.





Bariatric scale 7808

5 Bariatric scales



6. Wheelchair weighers

For hospitals, retirement homes and care facilities









Wheelchair weigher 7708/7808



Characteristics

- Model 7708: approved to class III, MPG class 1
- Large and flat weighing platform and handrails made of white painted aluminium
- Includes 2 aluminium drive-on ramps, white painted
- Transportable through lightweight construction, two wheels and carry handle
- Includes wall bracket for the terminal

- Energy-saving auto-off function with battery operation
- Tare function: Wheelchairs can be tared
- ▶ Hold function for easy reading of the weight value after weighing
- Model 7708.65 with additional functions: 5-button operation with programmable function key (e.g. for BMI, tare or hold), manual input of tare values, secure data transfer (checksum CRC16)
- Model 7808: Switchable to kg/lb units

Order No.	Description	Dimensions mm	Maximum capacity kg	Division g	Own weight kg
7708 approved					
7708.37.502	Terminal Basic E, rechargeable battery operation with charger	1.070 x 880 x 55	300	100	19
7708.65.501	Terminal Standard, mains operation	1.070 x 880 x 55	300	100	19
7708.65.502	Terminal Standard, rechargeable battery operation with charger	1.070 x 880 x 55	300	100	19
7808					
7808.70.502	Terminal Basic, rechargeable battery operation with charger	1.070 x 880 x 55	300	100	19

Accessories see page 32 - 33.





XL platform scale approved 7708

Easy drive-on with wheelchairs or hospital beds

Side guides included

Characteristics

- ▶ Approved to class III, MPG class 1
- Large and flat weighing platform made of white painted aluminium
- Includes 2 aluminium drive-on ramps, white painted
- Side guides included
- Transportable due to lightweight construction, four castors and two carrying handles
- Includes wall bracket for the terminal 3020

- Secure data transfer (checksum CRC16)
- ▶ Tare function: Wheelchairs / hospital beds can be tared
- Hold function for easy reading of the weight value after weighing
- Backlit LC display, dot matrix display 240 x 64 pixels
- ▶ 4 organisational data memories (e.g. for bed weights)
- ▶ Installed RS 232 interface
- Mains operation

Order No.	Description	Maximum capacity	Division	Eigengewicht
	mm	kg	g	kg
7708 approved				
7708.65.511	2.140 x 880 x 55	300	100	38

Accessories for Terminal 3020 and floor stands see pages 40 - 41.







With Terminal 3020

Accessories

For chapters 4, 5 and 6

Accessories	Order No.	Dimensions mm
Support handrails The following order number comprises one handrail. Up to three handrails can be fitted.	2530.03.001	750 x 850 x 30
Low support handrail Practical for mobile use and for fixing the display.	2530.10.001	150 x 850 x 30
Support handrails (set) The set comprises three support handrails 2530.03.001 and two connecting elements 2510.07.001.	2530.09.001	-
Adiposity handrails (set) The following order number comprises two handrails, one support handrail 2530.03.001 and two connecting elements 2510.07.001	2530.04.001	1.360 x 850 x 30
Foldable handrail The following order number comprises one foldable handrail, one side profile and the bracket for the terminal.	2530.20.001	-
Connecting elements For additional stabilisation of the handrails.	2510.07.001	_
Bracket for terminal Basic, Basic E and Standard	2510.08.005	-
Drive-on ramp Designed to accommodate wheelchairs. The following order number comprises one ramp. Two drive-on ramps can be fitted.	2505.08.001	880 x 115 x 48
Side guide (set) For use as a wheelchair weigher. The following order number comprises two side profiles.	2502.04.001	30 x 30 x 820

Terminal Standard	Order No.
Interface RS232, installed*	2563.41.004
Data cable PC/IT (Cable length 2 m)	2550.03.002
Data cable PC/IT (Cable length 2 – 10 m)	2550.00.008
Alibi memory, installed*	2792.20.002
Customized data string	5751.01.002
PC service program (calibration, settings, printout)	2564.10.001
Rechargeable battery, installed*	2557.40.004
UK adapter	2557.25.002
US adapter	On request

* The installation can be carried out only at the factory. Retrofitting is not possible.

Pictures of accessories



Support handrail



Adiposity handrails (set)



Bracket for terminal



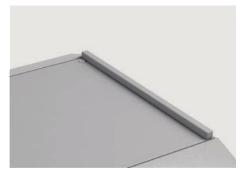
Low support handrail



Support handrails (set)



Connecting elements



Side guide (set)



Foldable handrail



Drive-on ramp

A definition of the sector of

7. Medical floor scales

For hospitals, rehabilitation facilities and dialysis centers

Floor scales can be used universally and weigh human beings while standing, seating, sitting in a wheel chair, lying on a stretcher or in beds. The scales can be installed freely and accessed via drive-on ramps or installed floor-even. The space-saving floor-even installation allows for easy passing or driving through if no weighing operation takes place.

The floor scales can be operated with three different terminals. The terminal 3705 Basic E for easy weighing and taring, the terminal 3710 Standard with BMI and hold function or the terminal 3020 with extended functions.



Drive-on ramps 2505

Installation frame 2501

Floor stand 2504

7 Medical floor scales

Floor scale 7708.86



Protection Class IP 67

Painted, bolted, robust

Characteristics

- Full electronic floor scale in robust, generously dimensioned steel tube construction, painted
- Bolted platform
- Load cells made of nickel-plated steel
- ▶ Load assumption in accordance with DIN 8119-4, normal load 3
- High overload protection and maintenance-free construction
- Direct load input elements on 4 DMS load cells

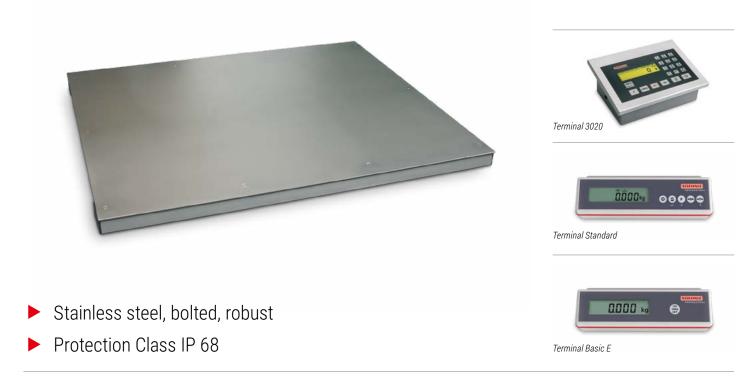
- ▶ Low construction starting from 80 mm
- > Suitable for in-floor (only with Terminal 3020) or free-standing installation
- Measurement cable length 6 m, optional with plug connection to terminal (Terminal 3020)
- In combination with a Soehnle Professional Terminal approved to class III, MPG class 1

Order No.	Dimensions	Maximum capacity	Division	Load capacity
mm	kg	g	kg	
7708.86				
7708.86.020	1.000 x 800 x 80	300 600	100 200	1.500
7708.86.120	1.250 x 1.000 x 80	300 600	100 200	3.500
7708.86.130	1.250 x 1.000 x 80	600 1.500	200 500	3.500
7708.86.220	1.500 x 1.250 x 80	300 600	100 200	3.500
7708.86.230	1.500 x 1.250 x 80	600 1.500	200 500	3.500
7708.86.330	2.000 x 1.500 x 100	600 1.500	200 500	3.500

Further weighing ranges and dimensions on request. Terminals and accessories see page 37 – 39.



Floor scale 7708.87



Characteristics

- Full electronic floor scale in robust, generously dimensioned steel tube construction, stainless steel 1.4301
- Bolted platform
- Load cells made of stainless steel
- ▶ Load assumption in accordance with DIN 8119-4, normal load 3
- ▶ High overload protection and maintenance-free construction
- Direct load input elements on 4 DMS load cells
- Low construction starting from 80 mm
- Suitable for in-floor (only with Terminal 3020) or free-standing installation

MADE IN GERMANY

7 Medical floor scales

- Measurement cable length 6 m, optional with plug connection to terminal (Terminal 3020)
- In combination with a Soehnle Professional Terminal approved to class III, MPG class 1

Platform size	Maximum capacity	Division	Load capacity
mm	kg	g	kg
1.000 x 800 x 80	300 600	100 200	1.500
1.250 x 1.000 x 80	300 600	100 200	3.500
1.250 x 1.000 x 80	600 1.500	200 500	3.500
1.500 x 1.250 x 80	300 600	100 200	3.500
1.500 x 1.250 x 80	600 1.500	200 500	3.500
2.000 x 1.500 x 100	600 1.500	200 500	3.500
	mm 1.000 x 800 x 80 1.250 x 1.000 x 80 1.250 x 1.000 x 80 1.500 x 1.250 x 80 1.500 x 1.250 x 80	mm kg 1.000 x 800 x 80 300 600 1.250 x 1.000 x 80 300 600 1.250 x 1.000 x 80 600 1.500 1.500 x 1.250 x 80 300 600 1.500 x 1.250 x 80 600 1.500	mm kg g 1.000 x 800 x 80 300 600 100 200 1.250 x 1.000 x 80 300 600 100 200 1.250 x 1.000 x 80 600 1.500 200 500 1.500 x 1.250 x 80 300 600 100 200 1.500 x 1.250 x 80 600 1.500 200 500

Further weighing ranges and dimensions on request. Terminals and accessories see page 37 – 39.



Floor scale 7708.88





- Stainless steel, foldable, for special hygiene requirements
- Protection Class IP 68



Characteristics

- ▶ Full electronic floor scale in robust, generously dimensioned steel tube construction, stainless steel 1.4301
- Weighing platform made from 1.4301 stainless steel, hinged platform
- Load cells made from stainless steel
- Gas compression spring made from 1.4301 stainless steel ►
- Terminal box made from stainless steel ►
- Load acceptance iaw. DIN 8119-4, control load 3

- High overload safety and maintenance-free design
- Direct load input elements on 4 DMS load cells
- Low construction starting from 80 mm
- Suited for installation at level ground (only with Terminal 3020) for freestanding setup

Terminal Basic E

- Measurement cable length: 6m (other cable lengths on request)
- Optional with plug connection to terminal (Terminal 3020)
- ▶ In combination with a Soehnle Professional Terminal approved to class III, MPG class 1

Order No.	Dimensions mm	Maximum capacity kg	Division g	Load capacity kg
7708.88				
7708.88.020	1000 x 800 x 80	300 600	100 200	1.500
7708.88.120	1.250 x 1.000 x 80	300 600	100 200	3.500
7708.88.130	1.250 x 1.000 x 80	600 1.500	200 500	3.500
7708.88.220	1.500 x 1.250 x 80	300 600	100 200	3.500
7708.88.230	1.500 x 1.250 x 80	600 1.500	200 500	3.500

Further weighing ranges and dimensions on request. Terminals and accessories see page 37 - 39.



Terminals and accessories for floor scales

For catalogue pages 34 – 36



Terminal Basic E 3705

Characteristics

- Approvable to class III
- Protection Class IP 42
- Large LC display, 20 mm digit height
- Fast 1-button operation
- Functions: weighing, taring, adding, plus/minus checking, hold function
- ▶ RS 232 interface (decoupled) optional
- Mains operation
- Rechargeable battery operation with charger optional

Order No.	Description
3705.15.001	Terminal Basic E, desktop version
3705.55.001	Terminal Basic E, wall-mounted version



Terminal Standard 3710

- Approvable to class III
- Protection Class IP 42
- Backlit LC display, 16 mm digit height
- ▶ 5-button operation with programmable function key
- Manual input of tare values by function key
- ► Fixed tare values (e.g. scale weight of wheelchairs) can be stored
- Functions: weighing, taring, PLU memory, plus/minus weighing, adding, GLP protocol, hold function BMI function, secure data transfer (checksum CRC16), Mother-child-weighing
- ▶ RS 232 interface (decoupled) optional
- Mains operation
- Rechargeable battery operation with charger optional

Order No.	Description
3710.15.001	Terminal Standard, desktop version
3710.55.001	Terminal Standard, wall-mounted version

Terminals and accessories for floor scales

For catalog pages 34 - 36



Terminal 3020

Characteristics

- Approvable to class III
- Protection Class IP 67
- Backlit LC display, dot matrix display 240 x 64 pixels
- ▶ 19 buttons, alphanumeric input
- ▶ Functions: Weighing, taring, totalizing, and other functions
- ▶ 4 organisational data memories (e.g. for patient numbers)
- ▶ Up to 400 fixed value memories (e.g. for bed weights)
- ► Mains operation

Order No.	Description
3020.05.001	Terminal 3020, desktop version
3020.05.002	Terminal 3020, wall-mounted version

Order No.

Description

Accessories for Terminal 3705	
2557.40.003	Rechargeable battery, installed
2557.25.002	UK adapter
On request	US adapter
Accessories for Terminal 3710	
2563.41.004	Interface RS232, installed*
2792.20.002	Alibi memory, installed*
2550.03.002	Data cable PC/IT (Cable length 2 m)
2550.00.008	Data cable PC/IT (Cable length 2 – 10 m)
2557.40.004	Rechargeable battery, installed*
2557.25.002	UK adapter
On request	US adapter
Accessories for Terminal 3020	
2563.41.004	Interface RS232, installed
2792.20.002	Alibi memory, installed
2550.03.002	Data cable PC/IT (Cable length 2 m)
2550.00.008	Data cable PC/IT (Cable length 2 – 10 m)
2550.05.002	Plug connection with Identchip, assembled, approvable disconnection point between scale and indicator for in-floor installation
2503.20.001	Wall-/Stand bracket stainless steel

* The installation can be carried out only at the factory. Retrofitting is not possible.

Order No.	for platform size mm	Ramp size mm
Drive-on ramps, smooth Painted, colour light grey, For on-floor installed scal	for 7708.86 drive-on ramps one or two sided	
2505.05.001	1.000 x 800	1.000 x 800
2505.05.002	1.250 x 1.000	1.000 x 1.000
2505.05.003	1.500 x 1.250	1.000 x 1.250
2505.05.005	2.000 x 1.500	1.000 x 1.500
Drive-on ramps, smooth Stainless steel 1.4301, dr For on-floor installed scal	ive-on ramps one or two sided	
2505.06.001	1.000 x 800	1.000 x 800
2505.06.002	1.250 x 1.000	1.000 x 1.000
2505.06.003	1.500 x 1.250	1.000 x 1.250
2505.06.005	2.000 x 1.500	1.000 x 1.500
Order No.		for platform size mm
Installation frame for flo Painted, colour light grey.	or-even installation Request our foundation plan!	
2501.25.001		1.000 x 800
2501.25.002		1.250 x 1.000
2501.25.003		1.500 x 1.250
2501.25.005		2.000 x 1.500
Installation kit for floor - Made of stainless steel 1.	even installation 4301. Request our foundation plan!	
2501.05.001		1.000 x 800
2501.05.002		1.250 x 1.000
2501.05.003		1.500 x 1.250
2501.05.005		2.000 x 1.500
Order No.	for platform size	Load capacity
Installation kit for on-flo	mm	kg
	f two base plates, bolts, dowels and washers	
2510.24.001	all	up to 3.500
Order No.	Description	Dimensions mm
Floor stand, painted		
2504.10.001	For floor bolting, dimensions with floor platform 200 x 200 mm	1.150 (height)
2504.11.001	Bracket socket, setting without bolting	390 x 390
Floor stand, stainless st	eel	
2504.20.001	For floor bolting, dimensions with floor platform 200 x 200 mm	1.150 (height)
2504.21.001	Bracket socket, setting without bolting	390 x 390

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8. Bed scales

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For rehabilitation facilities, retirement and nursing homes

Bed scale Bluetooth™ 7811



- ▶ Wireless data transfer via Bluetooth™
- Easy-Lift-System simplifies the lifting of bed wheels

Characteristics

- ▶ Wireless data transfer via Bluetooth™ (max. operating distance 10 m)
- Easy-Lift-System: for easy lifting
- ► Suitable for bed wheels with approx. 130 160 mm diameter
- Distance piece for smaller bed wheels can be ordered optionally
- Alphanumeric keyboard for the input of organizational data (e.g. patient numbers)
- BMI and hold function
- Secure data transfer (checksum CRC16)

- Plus-minus weighing
- Fixed tare value memory (up to 100 bed weights), manual input of tare values
- Display with mains operation
- Foot sensors with rechargeable battery operation (continuous operating time 10 h)
- Two battery packs, charging and storage station (included in scope of delivery)

Order No.	Description	Dimensions	Maximum capacity	Division	Own weight
		mm	kg	g	kg
7811					
7811.01.001	with trolley	875 x 470 x 1.080	300 500	100 200	40
7811.02.001	without trolley	-	300 500	100 200	22.8
Accessories			Order No.		
Interface RS232,	installed*	:	2563.21.002		
Alibi memory, ins	stalled*		2792.20.002		
Data cable 2 m (display – PC/IT)		:	2550.03.002		

2503.04.001

 Retrofit kit for wheel diameter 90 - 100 mm
 2503.04.002

* The installation can be carried out only at the factory. Retrofitting is not possible.



Retrofit kit for wheel diameter 100 - 120 mm



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9. Height measuring instruments

For measuring the body height

















Height rod foldable 5003



- ► Handy height rod for mobile use
- For measuring yourself and others

- Ultrasound measuring technology, temperature-compensated
- Tilt sensor for correction if measuring instrument is not horizontal, resulting in an error message
- ▶ Hold function for easy reading of the height value after measurement
- Low space requirement due to fold function
- Plastic housing

- ► LC display, 9 mm digit height
- Acoustic acknowledgement at end of measurement and reading displayed
- ▶ Units in cm or inch
- Battery operation with 2 x 1,5 V AA batteries (included in scope of delivery)

Order No.	Dimensions	Measuring range	Division	Own weight
	mm	ст	cm	g
5003				
5003.01.001	345 x 92 x 28	50 - 240	1	250



Measuring tape 5002.01



Easy wall mounting

Characteristics

- ▶ No wear parts and maintenance-free
- ► Units in mm
- Mounting kit included in scope of delivery

Order No.	Dimensions	Measuring range	Division	Own weight
	mm	cm	mm	g
5002.01				
5002.01.001	150 x 30 x 140	0 - 220	1	130

Minimum quantity 4 pieces



Height rod 5002.02



Simple wall-mounting system

- Headstop hinged
- ▶ No wear parts and maintenance-free
- Mounting kit included in scope of delivery

Order No.	Dimensions mm	Measuring range cm	Division cm	Own weight a
5002.02				
5002.02.001	50 x 1.175 x 22	105 - 210	0.5	800



Baby height rod 5005



Digital and analogue readings

- Easy to use, quick and precise
- ▶ Hold function for easy reading of the height value after measurement
- ► LC display, 16 mm digit height
- ▶ Incl. adapter for attachment to baby scale 7752 or 8352
- Can also be used without a scale

- Units in mm or inch
- Energy-saving auto-off function
- Battery operation with 2 x 1.5 V AAA batteries (included in scope of delivery)

Order No.	For scale model	Dimensions	Measuring range	Division	Own weight
		mm	cm	mm	g
5005					
5005.11.001	Baby scale 8352 and 7752	630 x 290 x 70	35 - 80.1	1	600



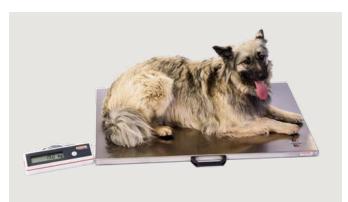
approved Ib made in Germany hold function large digits laboratories easy to clean

auto-off function

10. Veterinary scales

For veterinary practices and animal clinics

7858/7859 Veterinary scale



8310 Veterinary scale "Home"



8352 Veterinary scale "Pet"



8320 Veterinary scale "Easy" with fold function



9202 / 9203 Veterinary scale



Veterinary scale 7858/7859







Easy to carry

- Quick and easy one-button operation
- Easy to read LC display, 20 mm digit height
- ▶ Tare function: Covers/paddings can be tared
- ► Hold function for easy reading of the weight value after weighing
- Display made of high quality and durable plastic
- Large weighing platform made of stainless steel with separate black rubber mat

- ► Extra low (35 mm height)
- Transportable by means of a carrying handle
- ► Units in kg or lb
- ► Energy-saving auto-off function
- Rechargeable battery operation: operating time up to 50 h, charging time 5.5 h

Order No.	Description	Dimensions	Maximum capacity	Division	Own weight
		mm	kg	g	kg
7858/7859					
7858.70.002	Platform stainless steel	900 x 600 x 35	200	100	13.7
7859.70.002	Platform with chamfer	900 x 600 x 35	200	100	10.7





Veterinary scale "Home" 8310





Handy and non-tilting veterinary scale

For small animals up to 20 kg

Characteristics

- Easy to read LC display, 14 mm digit height
- ▶ Tare function: Covers/paddings can be tared
- ▶ Hold function for easy reading of the weight value after weighing
- Easy to clean plastic housing

- Switchable to kg/lb units
- ► Energy-saving auto-off function
- Battery operation with four AA alkaline batteries (included in scope of delivery)

Dimensions	Maximum capacity	Division	Own weight
mm	kg	g	kg
600 x 340 x 85	20	10	1,7
	mm	mm kg	mm kg g

	•
Access	ories
AUGC 33	01103

Order No.

Carry bag black, with carrying strap and durable zipper	5040.02.001	
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Veterinary scale "Pet" 8352





Detachable tray

For small animals up to 20 kg

Characteristics

- Simple operation with only one button
- Easy to read LC display, 13 mm digit height
- ► Tare function: Covers/paddings can be tared
- ► Hold function for easy reading of the weight value after weighing
- Easy cleaning
- Switchable to kg/lb units
- Energy-saving auto-off function
- Battery operation with 9-volt battery (included in scope of delivery)

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
8352				
8352.01.001	601 x 346 x 92	20	10	3.5
8352.01.001	601 x 346 x 92	20	10	

Accessories

Order No.

Carry bag black, with detachable shoulder strap and durable zipper 5040.03.001





Veterinary scale "Easy" with fold function 8320



Foldable veterinary scale for small animals

Perfect for mobile use

- Patented folding mechanism with magnetic lock
- Low space requirement, easy to transport
- Easy to read LC display
- Tare function: Covers/paddings can be tared
- Hold function for easy reading of the weight value after weighing
- Switchable to kg/lb units
- Energy-saving auto-off function
- Battery operation with 2 x 1.5 V AAA alkaline batteries (included in scope of delivery)

Order No.	Dimensions	Maximum capacity	Division	Own weight
	mm	kg	g	kg
8320				
8320.01.001	395 x 315 x 105 (closed) 740 x 315 x 53 (open)	15	10	2
Accessories		Order No.		

|--|



Veterinary scale 9202/9203



- Division 0.1 g / 1 g
- Weighing platform and housing made of stainless steel

- In two different weighing ranges available
- Easy operation with two buttons for switching on/off, taring
- Easy to read LC display, 20 mm digit height
- Adjustment by the user possible
- Housing and platform made of stainless steel

- ▶ Switchable to g/lb (9202), kg/lb (9203)
- ► Energy-saving auto-off function
- Battery operation with 9-volt battery (not included in scope of delivery)
- Optional: Power supply

Order No.	Dimensions	Platform size	Maximum capacity	Division	Own weight
	mm	mm	kg	g	g
9202/9203					
9202.10.001	150 x 170 x 44	120 x 150	500	0.1	690
9203.10.001	150 x 170 x 44	120 x 150	5.000	1	690

Accessories	Order No.
Power supply 9 V, 300 mA, jack plug	5901.00.001



special size customized kg Individual

doctor's offic experience

dialysis center

Reference in Germany

11. Special medical weighing solutions

Not always the standard product out of the catalog fits to the requirement. As individual as the needs of our customers are our special solutions for medical scales.

This works perfectly with an experienced team and manufacturing "Made in Germany". On the following pages you will find a number of examples, of already realized verifiable customized weighing solutions for hospitals, dialysis centers and clinics in Germany.

Floor scale 7708 in special sizes



Transportable floor scale



Integration of Weighing technology



Floor scale 7708 in special sizes



Three sides passable overground floor scale



Floor scale 7708 in special sizes



Level incorporated floor scale



Floor scales 7708 in special sizes



Floor scale 7708 stainless steel foldable

- ▶ Dimensions 2.000 x 1.000 mm fit to all beds and patient stretchers
- Weighing range 1.500 kg
- Installation flush in the floor, foldable with gas spring
- ► For easy cleaning and disinfection of the pit;
- especially in hygiene sensitive areas in the hospital
- Approved to Class III, MPG Class 1



Floor scale 7708 painted with railing

- ▶ The space was limited, the scale got tailor fit into the corner
- Dimensions 600 x 600 mm, passage height 60 mm, weighing range 300 kg
- One rail for a safe hold and standing
- Display mounted on the wall
- Usage in a dialysis center
- Approved to Class III, MPG Class 1



Floor scale 7708 on ground

- With two integrated ramps for easy drive on with beds or wheel chairs; two rails for safe walk on and standing
- ▶ Dimensions 1.700 x 1.100 mm
- Weighing range 300 kg
- Display 3020 with connection to Nephrocom reader (patient identification per chip card)
- Usage in dialysis center
- ► Approved to Class III, MPG Class 1

Floor scales



Transportable floor scale 7708 made of aluminium

- With two integrated ramps
- Dimension 1.600 x 1.000 mm
- Weighing range 300 kg
- ► Two rails, non-slip surface, checker plate
- Transportable due to low weight
- ► Two handles, two wheels
- Mobile use in dialysis center
- Approved to Class III, MPG Class 1



Three sides passable overground floor scale made of stainless steel

- ▶ Dimensions 1.700 x 1.100 mm, only 60 mm high
- With unilateral overrun protection
- ▶ Weighing range 500 kg
- Terminal 3710 got used with a customized software
- ▶ In use in the stroke unit of a big hospital in Munich, Germany
- Approved to Class III, MPG Class 1



Floor scale, level incorporated

- ▶ Hardly visible, traversable, perfectly adapted
- Even the terminal disappears in the wall
- ▶ Floor scale without space consumption
- Dimensions 1.500 x 1.250 mm
- ► Weighing range 600 kg
- Terminal 3020
 - Usage in a hospital
 - ▶ Approved to Class III, MPG Class 1

Integration of Weighing technology

Weight determination directly in the ambulance



- A weighing system integrated in the stretcher receiving device can save lives in an emergency case
- By improved preclinical weight adapted dosage of drugs (e.g. Lysemedication in event of Apoplex/stroke)
- Pressure-controlled (by weight adaption), optimized resuscitation measure
- Usage in ambulances
- Approved to Class III, MPG Class 1

DAkkS calibrations

For non-automatic electronic scales according to DIN EN ISO/IEC 17025:2005

During calibration, the relationship of the display values to defined values of "standards" is determined. The resulting measurement uncertainty helps you to meet the requirements of your customers and the quality management system. At the same time, you also have proof of the "accuracy" of your weighing results and a reliable scale for quality-relevant processes.





Our service for you

- > DAkkS calibrations of laboratory, precision, commercial, industrial and medical scales
- ▶ Weighing ranges up to 3,000 kg
- Testing, calibration and possible adjustment
- Permanent Laboratory
- On-site calibration
- Qualified specialist personnel
- ► Competence confirmed by the German Accreditation Body
- IT-supported calibration process
- Brand-independent service
- Issue of a calibration certificate
- Attaching of a calibration mark
- We create your individual offer

Prices for initial calibration and recalibration

Maximum load kg	Order No.	
≤ 6	5730.00.001	
> 6 ≤ 60	5730.00.002	
> 60 ≤ 150	5730.00.003	
> 150 ≤ 300	5730.00.004	
> 300 ≤ 600	5730.00.005	
> 600 ≤ 1.500	5730.00.006	
> 1.500 ≤ 2.000	5730.00.007	
> 2.000 ≤ 3.000	5730.00.008	

Prices for calibration at the Backnang plant. For on-site calibrations, we will be pleased to prepare an individual offer on request.

Notes

VENANO®	8



Product design by Vemano Design



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