

Food (kitchen/stainless steel/IP65...68 protection)

KERN scales – not scared of water at all!

Scales used in industrial situations or the food industry are often exposed to extreme stresses and strains. Water, oils, fats, varnish, dust, dirt, flour, small parts etc. are all natural enemies of a scale. In industries such as the chemical, pharmaceutical, food, manufacturing industries, etc. scales must be able to cope with these stresses without this affecting their performance.





For use in such harsh environmental conditions, levels of protection are defined, which specify which environmental stresses a system can be exposed to with respect to the level of contact, foreign object and moisture protection, without damage being caused to the unit. These levels of protection are described in the following standard: “DIN EN 60529: protection types through housing” The IP code usually consists of a two-digit combination, which gives the relevant level of protection, e.g. IP68.

The first digit specifies the protection level for contact protection and protection against foreign bodies (dust protection), the second digit is for the water and moisture protection (protection against splashes of water).

All stainless steel components of the IP65...68 protected KERN stainless steel scales are made of corrosion-resistant steel of quality class 1.4301 (DIN X5CrNi18-10). The material properties support you in your ► **HACCP**-compliant quality system.

► See the glossary on page 223–225

Extract from the standard: “DIN EN 60529: protection types through housing”:

KERN-Pictogram	1. digit	Specification	2. digit	Specification
	6	Dustproof	5	Protection against jets of water (nozzle) from any angle (cleaning with a damp cloth)
	6	Dustproof	6	Protection against powerful jets of water
	6	Dustproof	7	Protection against temporary immersion
	6	Dustproof	8	Protection against continuous immersion (designed for continuous use in wet areas, submersion is possible depending on the pressure (water depth))

KERN FGE 10K-3S05

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






- Weighing plate made of safety glass
- For easy and hygienic cleaning
- Low overall height for secure footing and space-saving storage
- Large high-contrast display that is easy to read


only €
30,-*

* Price set of 5 units
excl. of VAT ex works



Quick-Finder Food (kitchen/stainless steel/IP65...68 protection)

Readability [d] g	Weighing capacity [Max] kg	Model	Price excl. of VAT ex works €	Page										
		KERN			For an explanation on the pictos, see front flap									
0,1	0,5	FOB 500-1S	79,-	63	1		●							
0,1	0,5	FOB 0.5K-4NS	105,-	64	1		●			●				
0,1	3	FCF 3K-4	185,-	62	1		●							○
0,2	1,5	WTB 1K-4N	215,-	68	1		●		●	●				○
0,2	1,5	FFN 1K-4N	260,-	68	1		●		●				●	●
0,2	3	FOB 3K-4NL	265,-	67	1		●			●				
0,5	1,5	FOB 1.5K0.5	180,-	65	1		●							○
0,5	1,5	FOB 1K-4LM	265,-	66	1	○	●		●	●				
0,5	1,5	WTB 1K-4NM	235,-	68	1	○	●		●	●				○
0,5	1,5	FFN 1K-4NM	285,-	68	1	○	●		●	●			●	●
0,5	3	WTB 3K-4N	215,-	68	1		●		●	●				○
0,5	3	FFN 3K0.5IPN	255,-	68	1		●		●				●	●
0,5	3	FXN 3K-4N	305,-	70	1		●		●		●			
0,5 1	5 7,5	FOB 7K-4NL	230,-	67	1		●			●				
1	3	FOB 3K1	180,-	65	1		●							○
1	3	FOB 3K-3LM	265,-	66	1	○	●		●	●				
1	3	WTB 3K-3NM	235,-	68	1	○	●		●	●				○
1	3	FFN 3K1IPM	285,-	68	1	○	●		●				●	●
1	3	FXN 3K-3M	370,-	70	1	○	●		●		●			
1	5	FGE 5K-3S05	99,-*	61	1		●							
1	5	FOB 5K1S	79,-	63	1		●							
1	5	FOB 5K-3NS	105,-	64	1		●			●				
1	6	WTB 6K-3N	215,-	68	1		●		●	●				○
1	6	FFN 6K1IPN	255,-	68	1		●		●				●	●
1	6	FXN 6K-3N	305,-	70	1		●		●		●			
1	10	SFB 10K1HIP	670,-	72	1		●	○	●	●	●			●
1	15	FGE 10K-3S05	150,-*	61	1		●							
1	30	FCF 30K-3	185,-	62	1		●							○
1 2	3 6	SXS 6K-3M	700,-	71	1	○	●	○	●			●	●	○
1 2	8 15	FOB 10K-3NL	230,-	67	1		●			●				
2	6	FOB 6K2	180,-	65	1		●							○
2	6	FOB 6K-3LM	265,-	66	1	○	●		●	●				
2	6	WTB 6K-3NM	235,-	68	1	○	●		●	●				○
2	6	FFN 6K2IPM	285,-	68	1	○	●		●				●	●
2	6	FXN 6K-3M	370,-	70	1	○	●		●		●			
2	15	WTB 10K-3N	215,-	68	1		●		●	●				○
2	15	FFN 15K2IPN	255,-	68	1		●		●				●	●
2	15	FXN 10K-3N	305,-	70	1		●		●		●			
2	20	SFB 20K2HIP	670,-	72	1		●	○	●	●	●			●
2 5	6 15	SXS 10K-3M	700,-	71	1	○	●	○	●			●	●	○
2 5	6 15	SXS 10K-3LM	905,-	71	1	○	●	○	●			●	●	○
2 5	16 30	FOB 30K-3NL	230,-	67	1		●			●				
5	15	FOB 10K-3LM	265,-	66	1	○	●		●	●				
5	15	WTB 10K-3NM	235,-	68	1	○	●		●	●				○
5	15	FFN 15K5IPM	285,-	68	1	○	●		●				●	●
5	15	FXN 10K-3M	370,-	70	1	○	●		●		●			
5	15	SFB 15K5HIPM	680,-	72	1	○	●	○	●	●	●			●
5	25	FFN 25K5IPN	255,-	68	1		●		●	●			●	●
5	30	WTB 30K-3N	215,-	68	1		●		●	●				○
5	30	FXN 30K-3N	305,-	70	1		●		●		●			
5	50	SFB 50K-3XL	830,-	72	1		●	○	●	●	●			●
5	50	SFB 50K5HIP	670,-	72	1		●	○	●	●	●			●
5	50	SFB 50K5LHIP	710,-	72	1		●	○	●	●	●			●
5 10	15 30	SXS 30K-2M	905,-	71	1	○	●	○	●			●	●	○
5 10	15 30	SXS 30K-2LM	1120,-	71	1	○	●	○	●			●	●	○
10	25	FFN 25K10IPM	285,-	68	1	○	●		●				●	●
10	30	WTB 30K-2NM	235,-	68	1	○	●		●	●				○
10	30	FXN 30K-2M	370,-	70	1	○	●		●		●			
10	30	SFB 30K10HIPM	690,-	72	1	○	●	○	●	●	●			●
10	100	SFB 100K10HIP	730,-	72	1		●	○	●	●	●			●
10	100	SFB 100K-2XL	1130,-	72	1		●	○	●	●	●			●
10 20	30 60	SXS 60K-2M	915,-	71	1	○	●	○	●			●	●	○
10 20	30 60	SXS 60K-2LM	1120,-	71	1	○	●	○	●			●	●	○
20	60	SFB 60K-2XLM	930,-	72	1	○	●	○	●	●	●			●
20	60	SFB 60K20LHIPM	740,-	72	1	○	●	○	●	●	●			●
20 50	60 150	SXS 100K-2M	1120,-	71	1	○	●	○	●			●	●	○
20 50	60 150	SXS 100K-2LM	1370,-	71	2**	○	●	○	●			●	●	○
50	150	SFB 100K-2HM	760,-	72	1	○	●	○	●	●	●			●
50	150	SFB 100K-2XLM	1150,-	72	1	○	●	○	●	●	●			●
50 100	150 300	SXS 300K-2M	1370,-	71	2**	○	●	○	●			●	●	○

 News 2021
 * Price set of 5 units
 ** Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs
 ● = standard ○ = option



1 FGE 5K-3S05



2 FGE 10K-3S05

The price breaker!
Cheapest kitchen scale in the KERN assortment
from €
19,80**

** unit price within the set of 5,
excl. of VAT ex works

Precise design kitchen scale for kitchen, canteen, gastronomy

Features

- FGE 10K-3: Weighing plate made out of safety glass
- hygienic and easy to clean
- Low overall height for secure footing and space-saving storage
- Secure and non-slip positioning through rubber feet
- Very easy to use
FGE 5K-3S05: 2 Buttons
FGE 10K-3S05: 1 Button
- Comfortable taring with just one keystroke. For example, you can tare a bowl before starting a formulation. In addition, you can tare each time you weigh in a formulation ingredient, so that you can weigh in the next formulation ingredient with the weight indicated in the formula without having to do any calculations
- Integrated AUTO-OFF function to preserve the batteries
- 3 Large high-contrast display that is easy to read

Technical data

- 1 FGE 5K-3S05
 - Large backlit LCD display, digit height 18 mm
 - Overall dimensions W×D×H 152×230×15 mm
 - Dimensions of glass weighing plate W×D 152×230 mm
 - Ready for use: Batteries included, operating time up to 144 h
- 2 FGE 10K-3S05
 - Large backlit LED display, digit height 22 mm
 - Overall dimensions W×D×H 272×250×22 mm
 - Dimensions of glass weighing plate W×D 272×205 mm
 - Ready for use: Batteries included, operating time up to 300 h
- 3 Delivered in appealing packaging
- **Note:** The models are delivered in a set of 5 units. i.e. the price given in the table refers to 5 items. Cannot be delivered individually. The calibration price refers to one single balance

STANDARD OPTION

CAL EXT

UNIT

BATT

DMS

1 DAY

DAkKS
+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Price excl. of VAT ex works €	Option	
				DAkKS Calibr. Certificate	
KERN				DAkKS KERN	€
FGE 5K-3S05	5	1	99,-*	963-127	78,-
FGE 10K-3S05	15	1	150,-*	963-128	94,-

* Price set of 5 units



07 Compact bench scale with multi-purpose functionality and a high level of accuracy for use in industry, gastronomy and kitchen

Features

- Simple and convenient 5-key operation
- Very fast display: steady weight values within 3 s
- Ideal as a
 - compact letter and parcel scale, especially in constricted spaces
 - grading or commissioning balance or simple checkweigher in production or dispatch
 - Checkweigher in the catering trade, cafeterias, school kitchens
- High mobility: thanks to battery operation/ rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, WxD 253x228 mm
- Overall dimensions WxDxH 270x345x106 mm
- Optional battery operation, 9 V block not included in scope of delivery, operating time up to 20 h, AUTO-OFF function to preserve the battery
- Net weight approx. 2,8 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN FCF-A01S05, € 40,-
- Internal rechargeable battery pack, operating time up to 120 h without backlight, charging time approx. 16 h, KERN GAB-A04, € 40,-

STANDARD

CAL EXT

PCS

RECIPE

PERCENT

UNIT

MOVE

BATT

MULTI

DMS

1 DAY

OPTION

ACCU

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Reproducibility	Linearity	Smallest part weight [Normal] g/piece	Price excl. of VAT ex works €	Option	
							DAkKS Calibr. Certificate	
KERN	[Max] kg	[d] g	g	g			DAkKS KERN	€
FCF 3K-4	3	0,1	0,1	± 0,3	2	185,-	963-127	78,-
FCF 30K-3	30	1	1	± 3	20	185,-	963-128	94,-



Super compact stainless steel balance for weighing, checking and portioning in the smallest of spaces

07


Features

- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Secure and non-slip positioning through rubber feet
- Your support in a HACCP-compliant quality system
- Particularly flat design
- Protective working cover included with delivery






Technical data

- Large LCD display, digit height 20 mm
- Dimensions weighing surface, stainless steel, WxD 125x155 mm
- Overall dimensions WxDxH 175x155x40 mm
- Ready for use: Batteries included, 9 V block, operating time up to 20 h
- Net weight approx. 0,70 kg
- Permissible ambient temperature 10 °C/40 °C



Accessories

-  Protective working cover, scope of delivery: 5 items, KERN FOB-A11S05, € 50,-
- External mains adapter, KERN FOB-A09, € 35,-

STANDARD



OPTION



Model	Weighing capacity	Readability	Weighing plate WxD	Price excl. of VAT ex works €	Options	
					DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	mm		DAkkS KERN	€
FOB 500-1S	0,5	0,1	155x125	79,-	963-127	78,-
FOB 5K1S	5	1	155x125	79,-	963-127	78,-



07 Super compact stainless steel balance with protection type IP65 against dust and water splashes

Features

- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Secure and non-slip positioning through rubber feet
- Your support in a HACCP-compliant quality system
- Particularly flat design
- Protection against dust and water splashes IP65 (only when using battery)
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 20 mm
- Dimensions weighing surface, stainless steel, WxD 150x120 mm
- Overall dimensions WxDxH 170x150x40 mm
- Ready for use: Batteries included, 9 V block, operating time up to 24 h
- Net weight 0,80 kg
- Permissible ambient temperature 10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN FOB-A12S05, **€ 40,-**
- External mains adapter, KERN FOB-A09, **€ 35,-**

STANDARD

CAL EXT

UNIT

IP 65

BATT

DMS

1 DAY

OPTION

230 V

DAkkS +3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate WxD mm	Price excl. of VAT ex works €	Options	
					DAkkS Calibr. Certificate	
KERN					DAkkS KERN	€
FOB 0.5K-4NS	0,5	0,1	150x120	105,-	963-127	78,-
FOB 5K-3NS	5	1	150x120	105,-	963-127	78,-



Compact stainless steel bench scale with special checkweighing display for even more efficient working

07

Features

- **1** Innovative weighing with tolerance range (Checkweighing): The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Your support in a HACCP-compliant quality system
- Secure and non-slip positioning through rubber feet
- Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints
- Check the weighing capacity which is in use at the press of a button (net/gross weight)
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 20 mm
- Overall dimensions W×D×H 240×180×60 mm
- Net weight approx. 2,0 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **2** Protective working cover, scope of delivery: 5 items, KERN FOB-A05S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 24 h without backlight, charging time approx. 8 h, KERN FOB-A07, **€ 45,-**
- **3** Tare pan made from stainless steel, Ideal for weighing loose small parts, fruit, vegetables, etc., KERN RFS-A02, **€ 55,-**

STANDARD

CAL EXT

TOL

230 V

DMS

1 DAY

OPTION

ACCU

DAKkS +3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate mm	Price excl. of VAT ex works €	Option	
					DAKkS Calibr. Certificate	
KERN					DAKkS KERN	€
FOB 1.5K0.5	1,5	0,5	175×165	180,-	963-127	78,-
FOB 3K1	3	1	175×165	180,-	963-127	78,-
FOB 6K2	6	2	175×165	180,-	963-128	94,-



07 Compact stainless steel bench scale with EC type approval [M] and special checkweighing display for even more efficient working

Features

- **1** Innovative weighing with tolerance range (Checkweighing): The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **2** Suitable for the ever-increasing hygienic requirements in the food industry
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Your support in a HACCP-compliant quality system
- Protection against dust and water splashes IP67 (only when using battery)
- Secure and non-slip positioning through rubber feet
- Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints

- Check the weighing capacity which is in use at the press of a button (net/gross weight)
- Mains adapter included with the delivery
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Overall dimensions W×D×H 256×285×100 mm
- KERN FOB-LM: Optional battery operation, 4×1.5 V AA, standard, operating time up to 48 h, AUTO-OFF function to preserve the battery
- Net weight 3,8 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **3** Protective working cover, scope of delivery: 5 items, KERN FOB-A13S05, **€ 40,-**
- Mains adapter external, not included, can be reordered, KERN FOB-A01, **€ 35,-**
- **4** Tare pan made from stainless steel, ideal for weighing loose small parts, fruit, vegetables, etc., KERN RFS-A02, **€ 55,-**

STANDARD

CAL EXT

TOL

IP 67

BATT

230 V

DMS

1 DAY

OPTION

DAKKS

+3 DAYS

FACORY

M

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate mm	Price excl. of VAT ex works €	Option			
							Verification		DAKKS Calibr. Certificate	
							KERN	€	DAKKS KERN	€
KERN										
FOB 1K-4LM	1,5	0,5	0,5	10	248×198	265,-	965-227	55,-	963-127	78,-
FOB 3K-3LM	3	1	1	20	248×198	265,-	965-227	55,-	963-127	78,-
FOB 6K-3LM	6	2	2	40	248×198	265,-	965-228	70,-	963-128	94,-
FOB 10K-3LM	15	5	5	100	248×198	265,-	965-228	70,-	963-128	94,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.
Verification at the factory, we need to know the full address of the location of use.



Stainless steel bench scale with large weighing ranges and IP67 protection against dust and water spray

07

Features

- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- 1 Ideal for the increased hygienic requirements in the food industries
- Your support in a HACCP-compliant quality system
- 4 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 (kitchen, salesroom cafeteria, Food industry-Laboratory etc.)
- 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

- 2 Protective working cover, scope of delivery: 5 items, KERN FOB-A13S05, € 40,-
- Mains adapter external, not included, KERN FOB-A01, € 35,-
- 3 Tare pan made of stainless steel, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20mm, KERN RFS-A02, € 55,-

STANDARD

CAL EXT

UNIT

IP 67

BATT

DMS

1 DAY

OPTION

230 V

DAKKS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate W×D mm	Price excl. of VAT ex works €	Option	
					DAKkS Calibr. Certificate	
KERN					DAKkS KERN	€
FOB 3K-4NL	3	0,2	252×200	265,-	963-127	78,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]						
FOB 7K-4NL	5 7,5	0,5 1	252×200	230,-	963-128	94,-
FOB 10K-3NL	8 15	1 2	252×200	230,-	963-128	94,-
FOB 30K-3NL	16 30	2 5	252×200	230,-	963-128	94,-



07

Ideal for food industry, thanks to its IP65 protection and special checkweighing display, now also with EC type approval [M]

Features

- Suitable for the ever-increasing hygienic requirements in the food industry
- Your support in a HACCP-compliant quality system
- **1** Protection against dust and water splashes IP65 (only when using rechargeable battery pack)
- Very fast display: steady weight values within 2 s
- **2** Second display on the rear of the balance
- Compact size, practical for small spaces
- **3** Innovative weighing with tolerance range (Checkweighing): The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Recessed grips on the underside of the scale for easy transportation
- Protective working cover included with delivery

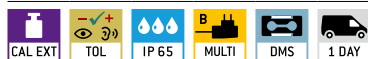
Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, W×D 260×200 mm
- Overall dimensions W×D×H 285×315×128 mm
- Net weight approx. 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

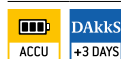
Accessories

- Protective working cover, scope of delivery: 5 items, KERN RFB-A01S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N, **€ 35,-**
- **4** Tare pan made from stainless steel, ideal for weighing loose small parts, fruit, vegetables, etc 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Option			
						Verification		DAkkS Calibr. Certificate	
						KERN	€	DAkkS KERN	€
KERN									
WTB 1K-4N	1,5	0,2	-	-	215,-	-	-	963-127	78,-
WTB 3K-4N	3	0,5	-	-	215,-	-	-	963-127	78,-
WTB 6K-3N	6	1	-	-	215,-	-	-	963-128	94,-
WTB 10K-3N	15	2	-	-	215,-	-	-	963-128	94,-
WTB 30K-3N	30	5	-	-	215,-	-	-	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.									
WTB 1K-4NM	1,5	0,5	0,5	10	235,-	965-227	55,-	963-127	78,-
WTB 3K-3NM	3	1	1	20	235,-	965-227	55,-	963-127	78,-
WTB 6K-3NM	6	2	2	40	235,-	965-228	70,-	963-128	94,-
WTB 10K-3NM	15	5	5	100	235,-	965-228	70,-	963-128	94,-
WTB 30K-2NM	30	10	10	200	235,-	965-228	70,-	963-128	94,-

Price reduction



All-round bench scale, protected by stainless steel and IP65 rating, also with EC type approval [M]

07

Features

- **1** Ideal for the ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- **2** Ideal for the robust industrial applications
- **3** Protection against dust and water splashes IP65 (only when using rechargeable battery pack)
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Recessed grips on the underside of the scale for easy transportation

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, WxD 230x190 mm
- Overall dimensions WxDxH 230x300x130 mm
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 12 h
- Net weight approx. 4,0 kg
- Permissible ambient temperature
KERN FFN-N: 0 °C/40 °C
KERN FFN-NM: -10 °C/40 °C

Accessories

- Tare pan made from stainless steel. Ideal for weighing loose small parts, fruit, vegetables, etc., KERN RFS-A02, € 55,-

STANDARD

3


OPTION

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Option			
						Verification		DAkkS Calibr. Certificate	
						KERN	€	DAkkS KERN	€
KERN									
FFN 1K-4N	1,5	0,2	-	-	260,-	-	-	963-127	78,-
FFN 3K0.5IPN	3	0,5	-	-	255,-	-	-	963-127	78,-
FFN 6K1IPN	6	1	-	-	255,-	-	-	963-128	94,-
FFN 15K2IPN	15	2	-	-	255,-	-	-	963-128	94,-
FFN 25K5IPN	25	5	-	-	255,-	-	-	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.									
FFN 1K-4NM	1,5	0,5	0,5	10	285,-	965-227	55,-	963-127	78,-
FFN 3K1IPM	3	1	1	20	285,-	965-227	55,-	963-127	78,-
FFN 6K2IPM	6	2	2	40	285,-	965-228	70,-	963-128	94,-
FFN 15K5IPM	15	5	5	100	285,-	965-228	70,-	963-128	94,-
FFN 25K10IPM	25	10	10	200	285,-	965-228	70,-	963-128	94,-



Robust, space-saving bench scale, protected by stainless steel and IP68 rating – also with EC type approval [M]

Features

- Suitable for the ever-increasing hygienic requirements in the food industry
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications
- Very high class of protection against dust and water IP68, ideal for harsh ambient conditions. Submersion in water actually possible
- Particularly suitable to determine the specific weight of organs, tissues, etc. in Pathology or in the laboratory
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Very fast display: steady weight values within 2 s
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
-  Recessed grips on the underside of the scale for easy transportation

- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading

Technical data









- Large backlit LCD display, (FXN-M: green) digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 236×195 mm
- Overall dimensions W×D×H 240×280×120 mm
- Ready for use: Batteries included, 4×1.5 V Size D, Operating time without backlight FXN-N up to 200 h, FXN-M 500 h, AUTO-OFF function to preserve the battery
- Net weight 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories


- Tare pan made from stainless steel. Ideal for weighing loose small parts, fruit, vegetables, etc. W×D×H 370×240×20 mm, KERN RFS-A02, € 55,-

Note: Official verification duty for commercial trade


STANDARD




OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Smallest part weight [Normal] g/piece	Price excl. of VAT ex works €	Option			
							Verification		DAkkS Calibr. Certificate	
							 KERN	€	DAkkS KERN	€
KERN										
FXN 3K-4N	3	0,5	–	–	5	305,-	–	–	963-127	78,-
FXN 6K-3N	6	1	–	–	10	305,-	–	–	963-128	94,-
FXN 10K-3N	15	2	–	–	20	305,-	–	–	963-128	94,-
FXN 30K-3N	30	5	–	–	50	305,-	–	–	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.										
Verification at the factory, we need to know the full address of the location of use.										
FXN 3K-3M	3	1	1	20	5	370,-	965-227	55,-	963-127	78,-
FXN 6K-3M	6	2	2	40	10	370,-	965-228	70,-	963-128	94,-
FXN 10K-3M	15	5	5	100	20	370,-	965-228	70,-	963-128	94,-
FXN 30K-2M	30	10	10	200	50	370,-	965-228	70,-	963-128	94,-



Stainless steel platform scales with IP65/67 protection, also with XL platform or EC type approval [M]

07

Features

- Ideal for the robust industrial applications
- **1** Platform: made entirely of stainless steel, silicone-coated Stainless Steel load cell, protection against dust and water splashes IP67
- **2** Display device: Stainless steel, protection against dust and water splashes IP65, (only when using rechargeable battery pack)
- **3** SFB-H: Column, standard, for models with weighing plate size
300×240 mm: Height of stand approx. 200 mm
400×300 mm: Height of stand approx. 400 mm

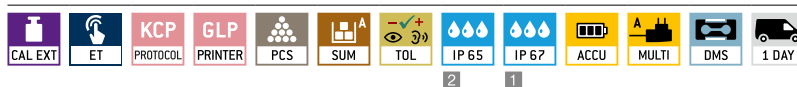
Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H
266×165×96 mm
- Cable length of display device approx. 3 m
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, RS 232 data interface including interface cable, KERN KFN-A01, **€ 95,-**
- Stand to be screwed onto the platform, height of stand approx. 600 mm, KERN SFB-A01, **€ 80,-**
- **4** Stand to elevate display device, height of stand approx. 800 mm, KERN BFS-A07, **€ 120,-**
- Further details, plenty of further accessories and suitable printers see Accessories

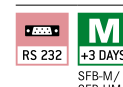
STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate W×D	Price excl. of VAT ex works €	Option			
								Verification		DAkkS Calibr. Certificate	
KERN								M M	KERN	DAkkS KERN	
SFB 50K-3XL	50	5	-	-	14	500×400	830,-	-	-	963-128	94,-
SFB 100K-2XL	100	10	-	-	24	650×500	1130,-	-	-	963-129	116,-
with elevated display											
SFB 10K1HIP	10	1	-	-	8	300×240	670,-	-	-	963-128	94,-
SFB 20K2HIP	20	2	2	-	8	300×240	670,-	-	-	963-128	94,-
SFB 50K5HIP	50	5	5	-	8	300×240	670,-	-	-	963-128	94,-
SFB 50K5LHIP	50	5	5	-	10	400×300	710,-	-	-	963-128	94,-
SFB 100K10HIP	100	10	-	-	10	400×300	730,-	-	-	963-129	116,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.											
Verification at the factory, we need to know the full address of the location of use.											
SFB 60K-2XLM	60	20	20	400	14	500×400	930,-	965-229	93,-	963-129	116,-
SFB 100K-2XLM	150	50	50	1000	24	650×500	1150,-	965-229	93,-	963-129	116,-
with elevated display											
SFB 15K5HIPM	15	5	5	100	8	300×240	680,-	965-228	70,-	963-128	94,-
SFB 30K10HIPM	30	10	10	200	8	300×240	690,-	965-228	70,-	963-128	94,-
SFB 60K20LHIPM	60	20	20	400	10	400×300	740,-	965-229	93,-	963-129	116,-
SFB 100K-2HLM	150	50	50	1000	10	400×300	760,-	965-229	93,-	963-129	116,-

↓ Price reduction

PREMIUM



Stainless steel platform scale with stainless steel IP68 display and EC type approval [M]

Features

- Ideal for the robust industrial applications
- **I** Platform: made entirely of stainless steel, silicone-coated stainless steel load cell, protection against dust and water splashes IP68
- Display device: Stainless steel, protection against dust and water splashes IP68, integrated power supply
- Suitable for the ever-increasing hygienic requirements in the food industry
- Wall mount for display device, standard
- Superior display size: digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy-to use KERN menu structure with printout of weighing results which can be intuitively adapted
- Thanks to interfaces such as RS-232, RS-485 and Bluetooth (optional) the scale can easily be connected to existing networks and facilitates the data exchange between the scale and printer

Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 300×240×86 mm, see larger picture
 - B** 400×300×89 mm
 - C** 500×400×123 mm
 - D** 650×500×133,5 mm
- Dimensions of display device W×D×H 232×170×80 mm
- Cable length of display device approx. 2,5 m

Accessories

- Stand to elevate display device, for models with weighing plate size
 - A** – **D** Height of stand approx. 200 mm, KERN IXS-A02, **€ 70,-**
 - B** – **D** Height of stand approx. 400 mm, KERN IXS-A03, **€ 75,-**
 - C** – **D** Height of stand approx. 600 mm, KERN IXS-A04, **€ 85,-**
- Internal rechargeable battery pack, operating time up to 80 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN GAB-A04, **€ 40,-**
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, **€ 100,-**
- Data interface RS-485, must be ordered at purchase, KERN KXS-A01, **€ 145,-**
- Foot switch, must be ordered at purchase, KERN KXS-A03, **€ 130,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KXS-A02, **€ 170,-**
- Further details, plenty of further accessories and suitable printers see *accessories*

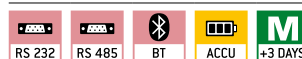
STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Linearity g	Weighing plate	Price excl. of VAT ex works €	Option			
								Verification	DAKKS Calibr.	Certificate	
KERN									€	DAKKS KERN	€
SXS 6K-3M	3 6	1 2	1 2	20 40	± 1 2	A	700,-	965-228	70,-	963-128	94,-
SXS 10K-3M	6 15	2 5	2 5	40 100	± 2 5	A	700,-	965-228	70,-	963-128	94,-
SXS 10K-3LM	6 15	2 5	2 5	40 100	± 2 5	B	905,-	965-228	70,-	963-128	94,-
SXS 30K-2M	15 30	5 10	5 10	100 200	± 5 10	B	905,-	965-228	70,-	963-128	94,-
SXS 30K-2LM	15 30	5 10	5 10	100 200	± 5 10	C	1120,-	965-228	70,-	963-128	94,-
SXS 60K-2M	30 60	10 20	10 20	200 400	± 10 20	B	915,-	965-229	93,-	963-129	116,-
SXS 60K-2LM	30 60	10 20	10 20	200 400	± 10 20	C	1120,-	965-229	93,-	963-129	116,-
SXS 100K-2M	60 150	20 50	20 50	400 1000	± 20 50	C	1120,-	965-229	93,-	963-129	116,-
SXS 100K-2LM	60 150	20 50	20 50	400 1000	± 20 50	D	1370,-	965-229	93,-	963-129	116,-
SXS 300K-2M	150 300	50 100	50 100	1000 2000	± 50 100	D	1370,-	965-229	93,-	963-129	116,-

Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

Verification at the factory, we need to know the full address of the location of use.

* Either RS-232 or RS-485 can be installed and used