Stainless steel/Protection against dust and water splashes IP65...68

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
IP 65	6	Dustproof	5	Protection against jets of water (nozzle) from any angle (cleaning with a damp cloth)
IP 66	6	Dustproof	6	Protection against powerful jets of water
IP 67	6	Dustproof	7	Protection against temporary immersion
IP 68	6	Dustproof	8	Protection against continuous immersion (designed for continuous use in wet areas, submersion is possible depending on the pressure (water depth))

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only €
265,-

▷ **Now with innovative checkweighing display**

▷ **With EC-Type Approval [M]**

▷ **Large stainless steel-weighing plate**

▷ **High mobility: thanks to compact, flat construction and low weight, it is suitable for use in several locations (kitchen, cafeteria, warehouse etc.)**

HIGHLIGHT

Quick-Finder Stainless steel/Protection against dust and water splashes IP65...68

Readability [d] g	Weighing capacity [Max] kg	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL EXT	RS 232	TOL	TOL (eye)	IP	INOX	ACCU
							For an explanation on the pictos, see front flap						
0,1	0,5	FOB 500-1S	79,-	64	1		●					●	
0,1	0,5	FOB 0.5K-4NS	105,-	65	1		●				●	●	
0,2	1,5	WTB 1K-4N	215,-	69	1		●		●			●	○
0,2	1,5	FFN 1K-4N	260,-	70	1		●					●	●
0,2	3	FOB 3K-4NL	265,-	67	1		●				●	●	
0,5	1,5	FOB 1.5K0.5	180,-	66	1		●					●	○
0,5	1,5	FOB 1K-4LM	265,-	66	1	○	●				●	●	
0,5	1,5	WTB 1K-4NM	240,-	69	1	○	●		●		●	●	○
0,5	1,5	FFN 1K-4NM	285,-	70	1	○	●				●	●	●
0,5	3	WTB 3K-4N	215,-	69	1		●		●		●	●	○
0,5	3	FFN 3K0.5IPN	255,-	70	1		●				●	●	●
0,5	3	FXN 3K-4N	305,-	71	1	○	●			●	●	●	
0,5 | 1	5 | 7,5	FOB 7K-4NL	230,-	67	1		●				●	●	
1	3	FOB 3K1	180,-	66	1		●					●	○
1	3	FOB 3K-3LM	265,-	66	1	○	●				●	●	
1	3	WTB 3K-3NM	240,-	69	1	○	●		●		●	●	○
1	3	FFN 3K1IPM	285,-	70	1	○	●				●	●	●
1	3	FXN 3K-3M	370,-	71	1	○	●			●	●	●	
1	5	FOB 5K1S	79,-	64	1		●					●	
1	5	FOB 5K-3NS	105,-	65	1		●				●	●	
1	6	WTB 6K-3N	215,-	69	1		●		●		●	●	○
1	6	FFN 6K1IPN	255,-	70	1		●				●	●	●
1	6	FXN 6K-3N	305,-	71	1	○	●			●	●	●	
1	10	SFB 10K1HIP	670,-	72	1		●	○		●	●	●	●
1 | 2	3 | 6	SXS 6K-3M	670,-	73	1	○	●	○		●	●	●	○
1 | 2	8 | 15	FOB 10K-3NL	230,-	67	1		●				●	●	
2	6	FOB 6K2	180,-	66	1		●					●	○
2	6	FOB 6K-3LM	265,-	66	1	○	●				●	●	
2	6	WTB 6K-3NM	240,-	69	1	○	●		●		●	●	○
2	6	FFN 6K2IPM	285,-	70	1	○	●				●	●	●
2	6	FXN 6K-3M	370,-	71	1	○	●			●	●	●	
2	15	WTB 10K-3N	215,-	69	1		●		●		●	●	○
2	15	FFN 15K2IPN	255,-	70	1		●				●	●	●
2	15	FXN 10K-3N	305,-	71	1	○	●			●	●	●	
2	20	SFB 20K2HIP	670,-	72	1		●	○		●	●	●	●
2 | 5	6 | 15	SXS 10K-3M	670,-	73	1	○	●	○		●	●	●	○
2 | 5	6 | 15	SXS 10K-3LM	830,-	73	1	○	●	○		●	●	●	○
2 | 5	16 | 30	FOB 30K-3NL	230,-	67	1		●				●	●	
5	15	FOB 10K-3LM	265,-	66	1	○	●				●	●	
5	15	WTB 10K-3NM	240,-	69	1	○	●		●		●	●	○
5	15	FFN 15K5IPM	285,-	70	1	○	●				●	●	●
5	15	FXN 10K-3M	370,-	71	1	○	●			●	●	●	
5	15	SFB 15K5HIPM	680,-	72	1	○	●	○		●	●	●	●
5	25	FFN 25K5IPN	255,-	70	1		●				●	●	●
5	30	WTB 30K-3N	215,-	69	1		●		●		●	●	○
5	30	FXN 30K-3N	305,-	71	1	○	●			●	●	●	
5	50	SFB 50K5HIP	670,-	72	1		●	○		●	●	●	●
5	50	SFB 50K5LHIP	740,-	72	1		●	○		●	●	●	●
5	50	SFB 50K-3XL	870,-	72	1		●	○		●	●	●	●
5 | 10	15 | 30	SXS 30K-2M	820,-	73	1	○	●	○		●	●	●	○
5 | 10	15 | 30	SXS 30K-2LM	1110,-	73	1	○	●	○		●	●	●	○
10	25	FFN 25K10IPM	285,-	70	1	○	●				●	●	●
10	30	WTB 30K-2NM	240,-	69	1	○	●		●		●	●	○
10	30	FXN 30K-2M	370,-	71	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	820,-	73	1	○	●	○		●	●	●	●
10 | 20	30 | 60	SXS 60K-2LM	1110,-	73	1	○	●	○		●	●	●	●
20	60	SFB 60K-2XLM	930,-	72	1	○	●	○		●	●	●	●
20	200	SFB 200K-2XL	850,-	72	1		●	○		●	●	●	●
20 | 50	60 | 150	SXS 100K-2M	1110,-	73	1	○	●	○		●	●	●	○
20 | 50	60 | 150	SXS 100K-2LM	1370,-	73	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,-	73	2	○	●	○		●	●	●	○

☐ News 2020

● = standard ○ = option

06

Stainless steel bench scale KERN FOB-S

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

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** with 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, W×D 125×155 mm
· Overall dimensions W×D×H 175×155×40 mm
· Ready for use: Battery included, 9 V-Block, operating time up to 20 h
· Net weight approx. 0,7 kg
· Permissible ambient temperature 10 °C/40 °C

Accessories

· 1 **Protective working cover,** scope of delivery: 5 items, KERN FOB-A11S05, **€ 40,-**
· **Mains adapter external**, KERN FOB-A09, **€ 35,-**

STANDARD   OPTION

| CAL EXT | UNIT | INOX | BATT | DMS | 1 DAY | | 230 V | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Weighing plate W×D	Price excl. of VAT ex works	Options	
					DAkkS Calibr. Certificate	
	[Max]	[d]			DAkkS	
KERN	kg	g	mm	€	KERN	€
FOB 500-1S	0,5	0,1	155×125	**79,-**	963-127	72,-
FOB 5K1S	5	1	155×125	**79,-**	963-127	72,-

Stainless steel bench scale KERN FOB-NS

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** with rubber feet
- **Particularly flat design**
- Your support in a **HACCP**-compliant quality system
- **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, W×D 150×120 mm
- Overall dimensions W×D×H 170×150×40 mm
- Ready for use: Batteries included, 9 V-Block, operating time up to 24 hours
- Net weight approx. 0,8 kg
- Permissible ambient temperature 10 °C/35 °C

Accessories

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

STANDARD

| CAL EXT | UNIT | IP 65 | INOX | BATT | DMS | 1 DAY |

OPTION

| 230 V | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Weighing plate W×D	Price excl. of VAT ex works	Options DAkkS Calibr. Certificate	
	[Max]	[d]			DAkkS	
KERN	kg	g	mm	€	KERN	€
FOB 0.5K-4NS	0,5	0,1	150×120	**105,-**	963-127	72,-
FOB 5K-3NS	5	1	150×120	**105,-**	963-127	72,-

Stainless steel bench scale KERN FOB

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
- **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** with 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,-**
- **Rechargeable battery pack internal**, operating time up to 24 h without backlight, charging time approx. 8 h, KERN FOB-A07, **€ 45,-**
- **3 Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD

| CAL EXT | TOL | INOX | 230 V | DMS | 1 DAY |

OPTION

| ACCU | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Weighing plate	Price	Option	
				excl. of VAT ex works	DAkkS Calibr. Certificate	
	[Max]	[d]			DAkkS	
KERN	kg	g	mm	€	KERN	€
FOB 1.5K0.5	1,5	0,5	175×165	180,-	963-127	72,-
FOB 3K1	3	1	175×165	180,-	963-127	72,-
FOB 6K2	6	2	175×165	180,-	963-128	88,-

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Stainless steel bench scales KERN FOB-NL

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

Features

- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- ① **Suitable for the ever-increasing hygienic requirements** in the food industry
- Your support in a **HACCP**-compliant quality system
- **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, sales office, cafeteria, Food industry-Laboratory etc.)
- **Protective working cover** included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm, stainless steel
- 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 **Mains adapter external**, not included, not suitable for model FOB 3K-4NL, KERN FOB-A01, **€ 35,-**
- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A13S05, **€ 40,-**
- ③ **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD

| CAL EXT | UNIT | IP 67 | INOX | BATT | DMS | 1 DAY |

OPTION

| 230 V | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Weighing plate W×D	Price excl. of VAT ex works	Option DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	mm	€	**DAkkS** KERN	€
FOB 3K-4NL	3	0,2	252×200	**265,-**	963-127	72,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [d]						
FOB 7K-4NL	5 | 7,5	0,5 | 1	252×200	**230,-**	963-128	88,-
FOB 10K-3NL	8 | 15	1 | 2	252×200	**230,-**	963-128	88,-
FOB 30K-3NL	16 | 30	2 | 5	252×200	**230,-**	963-128	88,-

NEW New model

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Stainless steel bench scale KERN FOB-LM

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** with 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 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 approx. 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**, KERN FOB-A01, **€ 35,-**
- ⬜4 **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD | OPTION | FACTORY

| CAL EXT | TOL | IP 67 | INOX | BATT | 230 V | DMS | 1 DAY | DAkkS +3 DAYS | M +3 DAYS |

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Weighing plate	Price excl. of VAT ex works	Option			
							Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	mm	€	KERN	€	DAkkS KERN	€
FOB 1K-4LM	1,5	0,5	0,5	10	248×198	**265,-**	965-227	55,-	963-127	72,-
FOB 3K-3LM	3	1	1	20	248×198	**265,-**	965-227	55,-	963-127	72,-
FOB 6K-3LM	6	2	2	40	248×198	**265,-**	965-228	70,-	963-128	88,-
FOB 10K-3LM	15	5	5	100	248×198	**265,-**	965-228	70,-	963-128	88,-

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.

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IP protected bench scale KERN WTB-N · WTB-NM

Ideal for food industry, thanks to its IP65 protection and special checkweighing display, 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,-**
- **Rechargeable battery pack internal**, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N, **€ 35,-**
- ⬛4 **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD						OPTION		FACTORY
CAL EXT	TOL	IP 65	MULTI	DMS	1 DAY	ACCU	DAkkS +3 DAYS	M +3 DAYS WTB-NM

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Option Verification M(III) KERN	€	DAkkS Calibr. Certificate DAkkS KERN	€
WTB 1K-4N	1,5	0,2	-	-	**215,-**	-	-	963-127	72,-
WTB 3K-4N	3	0,5	-	-	**215,-**	-	-	963-127	72,-
WTB 6K-3N	6	1	-	-	**215,-**	-	-	963-128	88,-
WTB 10K-3N	15	2	-	-	**215,-**	-	-	963-128	88,-
WTB 30K-3N	30	5	-	-	**215,-**	-	-	963-128	88,-
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	**240,-** ⬤	965-227	55,-	963-127	72,-
WTB 3K-3NM	3	1	1	20	**240,-** ⬤	965-227	55,-	963-127	72,-
WTB 6K-3NM	6	2	2	40	**240,-** ⬤	965-228	70,-	963-128	88,-
WTB 10K-3NM	15	5	5	100	**240,-** ⬤	965-228	70,-	963-128	88,-
WTB 30K-2NM	30	10	10	200	**240,-** ⬤	965-228	70,-	963-128	88,-

⬤ Price reduction

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IP protected bench scale KERN FFN

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

Features

- 1 **Ideal for the increased 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 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, W×D 230×190 mm
- Overall dimensions W×D×H 230×300×130 mm
- Rechargeable battery pack internal, 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 of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD							OPTION	FACTORY
CAL EXT	UNIT	IP 65	INOX	ACCU	MULTI	DMS	1 DAY	DAkkS +3 DAYS	M +3 DAYS
		3			B				

Model	Weighing capacity	Readability	Verification value	Minimal load	Price excl. of VAT ex works	Option			
						Verification		DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	[e] g	[Min] g	€	M KERN	€	DAkkS KERN	€
FFN 1K-4N	1,5	0,2	-	-	**260,-**	-	-	963-127	72,-
FFN 3K0.5IPN	3	0,5	-	-	**255,-**	-	-	963-127	72,-
FFN 6K1IPN	6	1	-	-	**255,-**	-	-	963-128	88,-
FFN 15K2IPN	15	2	-	-	**255,-**	-	-	963-128	88,-
FFN 25K5IPN	25	5	-	-	**255,-**	-	-	963-128	88,-
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	72,-
FFN 3K1IPM	3	1	1	20	**285,-**	965-227	55,-	963-127	72,-
FFN 6K2IPM	6	2	2	40	**285,-**	965-228	70,-	963-128	88,-
FFN 15K5IPM	15	5	5	100	**285,-**	965-228	70,-	963-128	88,-
FFN 25K10IPM	25	10	10	200	**285,-**	965-228	70,-	963-128	88,-

IP protected bench scale KERN FXN

Robust, space-saving bench scale, protected by stainless steel and IP68 rating – 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 protection against dust and water splashes IP68**, ideal for harsh ambient conditions. Submersion in water actually possible
- **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 (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)

- **1** **Recessed grips on the underside** of the scale for easy transportation
- **Weighing with tolerance range (check-weighing):** 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 250 h, FXN-M up to 625 h, AUTO-OFF function to preserve the battery
- Net weight approx. 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **2** **Tare pan made of 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

CAL EXT | PCS | UNIT | TOL | IP 68 | INOX | BATT | DMS | 1 DAY | DAkkS +3 DAYS | M +3 DAYS

Model KERN	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	
							M(III) KERN	€	DAkkS KERN	€
FXN 3K-4N	3	0,5	–	–	5	**305,-**	-	-	963-127	72,-
FXN 6K-3N	6	1	–	–	10	**305,-**	-	-	963-128	88,-
FXN 10K-3N	15	2	–	–	20	**305,-**	-	-	963-128	88,-
FXN 30K-3N	30	5	–	–	50	**305,-**	-	-	963-128	88,-
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	72,-
FXN 6K-3M	6	2	2	40	10	**370,-**	965-228	70,-	963-128	88,-
FXN 10K-3M	15	5	5	100	20	**370,-**	965-228	70,-	963-128	88,-
FXN 30K-2M	30	10	10	200	50	**370,-**	965-228	70,-	963-128	88,-

06

Stainless steel platform scale KERN SFB-H · SFB

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

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: Column height approx. 200 mm 400×300 mm: Column height 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
- Rechargeable battery pack internal, 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, 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**

CAL EXT · KCP PROTOCOL · GLP PRINTER · PCS · SUM A · TOL · IP 65 · IP 67 · INOX · ACCU · MULTI A · DMS · 1 DAY | DAkkS +3 DAYS · RS 232 | +3 DAYS M SFB-M/ SFB-HM

② ①

Model KERN	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 M KERN	€	DAkkS Calibr. Certificate DAkkS KERN	€
SFB 50K-3XL	50	5	-	-	14	500×400	**870,-**	-	-	963-128	88,-
SFB 100K-2L	100	10	-	-	14	500×400	**910,-**	-	-	963-129	105,-
SFB 100K-2XL	100	10	-	-	26	650×500	**1130,-**	-	-	963-129	105,-
SFB 200K-2XL	200	20	-	-	26	650×500	**850,-**	-	-	963-129	105,-
with elevated display											
SFB 10K1HIP	10	1	-	-	8	300×240	**670,-**	-	-	963-128	88,-
SFB 20K2HIP	20	2	2	-	8	300×240	**670,-**	-	-	963-128	88,-
SFB 50K5HIP	50	5	5	-	8	300×240	**670,-**	-	-	963-128	88,-
SFB 50K5LHIP	50	5	5	-	8	400×300	**740,-**	-	-	963-128	88,-
SFB 100K10HIP	100	10	-	-	14	400×300	**730,-**	-	-	963-129	105,-
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	16	500×400	**930,-** 🔴	965-229	93,-	963-129	105,-
SFB 100K-2XLM	150	50	50	1000	24	650×500	**1150,-**	965-229	93,-	963-129	105,-
SFB 300K-1LM *	300	100	100	2000	26	650×500	**860,-**	965-229	93,-	963-129	105,-
with elevated display											
SFB 15K5HIPM	15	5	5	100	8	300×240	**680,-**	965-228	70,-	963-128	88,-
SFB 30K10HIPM	30	10	10	200	8	300×240	**690,-**	965-228	70,-	963-128	88,-
SFB 60K20LHIPM	60	20	20	400	14	400×300	**740,-**	965-229	93,-	963-129	105,-
SFB 100K-2HM	150	50	50	1000	13	400×300	**760,-**	965-229	93,-	963-129	105,-

① *ONLY WHILE STOCKS LAST   🔴 Price reduction

Stainless steel platform scale KERN SXS

PREMIUM ★★★

1

Stainless steel platform scale with high type of protection IP68 and EC type approval [M]

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 IP68. Substruction in wing design, extremely resistant to bending. Earthed weighing plate, to reduce static charge
- **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
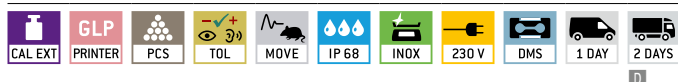
Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A 300×240×86 mm
  - 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
- Permissible ambient temperature -10 °C/40 °C

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,-**
- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, must be ordered at purchase, Factory Option, 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,-**
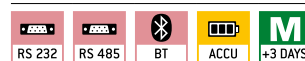- Further details, plenty of further accessories and suitable printers see *Accessories*

06

STANDARD | OPTION | FACTORY

| CAL EXT | GLP PRINTER | PCS | TOL | MOVE | IP 68 | INOX | 230 V | DMS | 1 DAY | 2 DAYS D | | DAkkS +3 DAYS | | RS 232 * | RS 485 * | BT | ACCU | M +3 DAYS |

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Linearity	Weighing plate	Price excl. of VAT ex works	Option			
								Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	g		**€**	M(III) KERN	€	DAkkS KERN	€
SXS 6K-3M	3 | 6	1 | 2	1 | 2	20 | 40	± 1 | 2	A	**670,-**	965-228	70,-	963-128	88,-
SXS 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	± 2 | 5	A	**670,-**	965-228	70,-	963-128	88,-
SXS 10K-3LM	6 | 15	2 | 5	2 | 5	40 | 100	± 2 | 5	B	**830,-**	965-228	70,-	963-128	88,-
SXS 30K-2M	15 | 30	5 | 10	5 | 10	100 | 200	± 5 | 10	B	**820,-**	965-228	70,-	963-128	88,-
SXS 30K-2LM	15 | 30	5 | 10	5 | 10	100 | 200	± 5 | 10	C	**1110,-**	965-228	70,-	963-128	88,-
SXS 60K-2M	30 | 60	10 | 20	10 | 20	200 | 400	± 10 | 20	B	**820,-**	965-229	93,-	963-129	105,-
SXS 60K-2LM	30 | 60	10 | 20	10 | 20	200 | 400	± 10 | 20	C	**1110,-**	965-229	93,-	963-129	105,-
SXS 100K-2M	60 | 150	20 | 50	20 | 50	400 | 1000	± 20 | 50	C	**1110,-**	965-229	93,-	963-129	105,-
SXS 100K-2LM	60 | 150	20 | 50	20 | 50	400 | 1000	± 20 | 50	D	**1370,-**	965-229	93,-	963-129	105,-
SXS 300K-2M	150 | 300	50 | 100	50 | 100	1000 | 2000	± 50 | 100	D	**1370,-**	965-229	93,-	963-129	105,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [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