

FOOD (KITCHEN, STAINLESS STEEL, IP65...68 PROTECTION)

Laboratory | Industry | Food Industry



PROFESSIONAL MEASURING

2025

KERN Pictograms

CAL INT **Internal adjusting**
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)

CAL EXT **Adjusting program CAL**
For quick setting up of the balance's accuracy. External adjusting weight required

ET **EasyTouch**
Suitable for the connection, data transmission and control through PC or tablet

MEMORY **Memory**
Balance memory capacity, e.g. for internal data, weighing data, tare weights, PLU etc.

ALIBI **Alibi memory**
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.

KUP **KERN Universal Port (KUP)**
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort

RS 232 **RS-232 Data interface**
To connect the balance to a printer, PC or network

RS 485 **RS-485 Data interface**
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

USB **USB Data interface**
To connect the balance to a printer, PC or other peripherals

BT **Bluetooth® Data interface**
To transfer data from the balance to a printer, PC or other peripherals

WIFI **WIFI Data interface**
To transfer data from the balance to a printer, PC or other peripherals

SWITCH **Control outputs**
(optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.

ANALOG **Analogue interface**
to connect a suitable peripheral device for analogue processing of the measurements

DUAL **Interface for second balance**
For direct connection of a second balance

LAN **Network interface**
For connecting the scale to an Ethernet network

KCP PROTOCOL **KERN Communication Protocol (KCP)**
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems

GLP INTERN **GLP/ISO log intern**
The balance displays weight, date and time, independent of a printer connection

GLP PRINTER **GLP/ISO log Printer**
With weight, date and time. Only with KERN printers.

PCS **Piece counting**
Reference quantities selectable. Display can be switched from piece to weight

RECIPE A **Recipe level A**
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out

RECIPE B **Recipe level B**
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display

SUM A **Totalising level A**
The weights of similar items can be added together and the total can be printed out

PERCENT **Percentage determination**
Determining the deviation in % from the target value (100 %)

UNIT **Weighing units**
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details

TOL **Weighing with tolerance range (Checkweighing)**
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

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

IP **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram

UNDER **Suspended weighing**
Load support with hook on the underside of the balance

BATT **Battery operation**
Ready for battery operation. The battery type is specified for each device

ACCU **Rechargeable battery pack**
Rechargeable set

MULTI A **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

230 V **Plug-in power supply**
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available

230 V **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request

DMS **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body

T-FORK **Weighing principle Tuning fork**
A resonating body is electromagnetically excited, causing it to oscillate

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

SC TECH **Weighing principle Single cell technology**
Advanced version of the force compensation principle with the highest level of precision

M +3 DAYS **Conformity Assessment**
The time required for conformity assessment is specified in the pictogram

DAkkS +3 DAYS **DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram

ISO +4 DAYS **Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram

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

2 DAYS **Pallet shipment**
The time required for internal shipping preparations is shown in days in the pictogram

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KERN Quick-Finder

How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

And it's as simple as that – find the product you want in 2 steps:

1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder

SET
5x



1 FGE 5K-3S05

2 FGE 10K-3S05



7

Precise design kitchen scale for kitchen, cafeteria, gastronomy

Features

- FGE 10K-3S05: Weighing plate made out of safety glass
- Easy and hygienic cleaning
- Low overall height for secure footing and space-saving storage
- Secure and non-slip positioning with rubber feet
- Very easy to use
 - 1 FGE 5K-3S05: 2 Buttons
 - 2 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
- Large high-contrasted display that is easy to read
- 3 Delivered in single design packaging

Technical data

1 FGE 5K-3S05

- Large backlit LCD display, Digit height 18 mm
- Overall dimensions W×D×H 152×230×15 mm
- Dimensions weighing surface, acrylic, W×D 152×230 mm
- Ready for use: Batteries included, 2×CR2032

2 FGE 10K-3S05

- Large, luminescent LED segments display, Digit height 22 mm
- Overall dimensions W×D×H 272×250×22 mm
- Dimensions weighing surface, glass, W×D 272×205 mm
- Ready for use: Batteries included, 3×1.5 V AAA

Note: The models with the suffix -S05 are delivered in a set of 5 units. i.e. the price given in the table refers to 5 items. Cannot be delivered individually

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Price excl. of VAT ex works €	Options	
				DAkkS KERN	DAkkS Calibr. Certificate €
FGE 5K-3S05	5	1	115,-	963-127S05	515,-
FGE 10K-3S05	15	1	170,-	963-128S05	620,-



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

Features

- Ideal as a
 - Checkweigher in the catering trade, cafeterias, school kitchens
 - compact letter and parcel scale, especially in constricted spaces
 - grading or commissioning balance or simple checkweigher in production or dispatch
- Simple and convenient 5-key operation
- Very fast display: steady weight values within 3 s
- 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, € 52,-
- Internal rechargeable battery pack, operating time up to 120 h without backlight, charging time approx. 16 h, KERN GAB-A04, € 42,-

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight (Normal) g/piece	Price excl. of VAT ex works €	Options	
							DAkKS KERN	DAkKS Calibr. Certificate €
KERN								
FCF 3K-4	3	0,1	0,1	± 0,3	2	220,-	963-127	103,-
FCF 30K-3	30	1	1	± 3	20	220,-	963-128	124,-



7



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

Features

- **1** Innovative weighing with tolerance range: 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
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- **2** Ideal for the increased hygienic requirements in the food industries
- Thanks to battery operation, compact, light-weight construction, it is suitable for the use in several locations (kitchens, sales offices, cafeterias, food industry laboratories, etc.)
- Your support in a HACCP-compliant quality system

- Protection against dust and water splashes IP65 (only when using battery)
- Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints
- Secure and non-slip positioning with rubber feet
- Mains adapter included with the delivery
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 248×198 mm
- Overall dimensions W×D×H 256×285×100 mm
- 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 0 °C/40 °C

Accessories

- **3** Protective working cover, scope of delivery 5 items, KERN FOB-A13S05, **€ 52,-**
- **4** Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02, **€ 75,-**



Note: Official verification is mandatory for commercial trade

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Options			
						Verification		DAkkS Calibr. Certificate	
KERN						M KERN	€	DAkkS KERN	€
FOB 1K-4LM	1,5	0,5	0,5	10	335,-	965-227	65,-	963-127	103,-
FOB 3K-3LM	3	1	1	20	340,-	965-227	65,-	963-127	103,-
FOB 6K-3LM	6	2	2	40	335,-	965-228	84,-	963-128	124,-
FOB 10K-3LM	15	5	5	100	335,-	965-228	84,-	963-128	124,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.



FOB-S



FOB-NS



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

Features

- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy 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
- Protection against dust and water splashes IP65 (only when using battery)
- Your support in a HACCP-compliant quality system
- Particularly flat design
- Protective working cover included with delivery

Accessories

- External mains adapter, KERN YKA-46, € 45,-

FOB-S

- Protective working cover, scope of delivery 5 items, KERN FOB-A12S05, € 52,-

FOB-NS

- Protective working cover, scope of delivery 5 items, KERN FOB-A11S05, € 52,-

STANDARD



FOB-NS

OPTION



Model KERN	FOB 500-1S	FOB 5K1S	FOB 0.5K-4NS	FOB 5K-3NS
Weighing capacity [Max] g	500	5000	500	5000
Readability [d] g	0,1	1	0,1	1
Display without backlight, digit height	LCD, 20 mm		LCD, 20 mm	
Dimensions of weighing surface W×D	125×155 mm		120×150 mm	
Overall dimensions W×D×H	155×175×40 mm		150×170×40 mm	
Batteries included with delivery	9 V block		9 V block	
Operating time up to	20 h		20 h	
Net weight	0,70 kg		0,80 kg	
Permissible ambient temperature	10 °C - 40 °C		10 °C - 35 °C	10 °C - 40 °C
Price, excl. of VAT, ex works, €	90,-		125,-	
Option DAKKS Calibr. Certificate	963-127, € 103,-		963-127, € 103,-	



FOB



FOB-NL



7

Compact stainless steel balance with large weighing range

Features

- KERN FOB: Innovative weighing with tolerance range: 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
- KERN FOB-NL: Protection against dust and water splashes IP67 (only when using battery)
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean

- Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints
- Your support in a HACCP-compliant quality system
- Ideal for the increased hygienic requirements in the food industries
- Thanks to battery operation/rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Secure and non-slip positioning with rubber feet

Accessories

- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02, **€ 75,-**

FOB

- Protective working cover, scope of delivery: 5 items, KERN FOB-A05S05, **€ 52,-**
- Internal rechargeable battery pack, operating time up to 24 h without backlight, charging time approx. 8 h, KERN FOB-A07, **€ 60,-**

FOB-NL

- Protective working cover, scope of delivery: 5 items, KERN FOB-A13S05, **€ 52,-**
- External mains adapter, KERN YKA-29, **€ 43,-**

STANDARD

- CAL EXT
- TOL
- 230 V
- DMS
- 1 DAY

OPTION

- ACCU
- DAkKS +3 DAYS

STANDARD

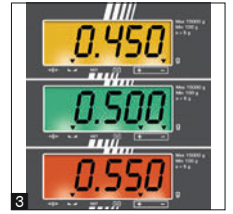
- CAL EXT
- UNIT
- IP 67
- BATT
- DMS
- 1 DAY

OPTION

- 230 V
- DAkKS +3 DAYS

Model KERN	FOB 1.5K0.5	FOB 3K1	FOB 6K2	FOB 3K-4NL	FOB 7K-4NL	FOB 10K-3NL	FOB 30K-3NL
Weighing capacity [Max] kg	1,5	3	6	3	5 7,5	8 15	16 30
Readability [d] g	0,5	1	2	0,2	0,5 1	1 2	2 5
LCD display backlight, digit height		yes, 20 mm		no, 25 mm		yes, 25 mm	
Dimensions of weighing surface W×D		175×165 mm			252×200 mm		
Overall dimensions W×D×H		235×175×55 mm	243×183×54 mm		285×255×90 mm		
Power supply		Power supply unit		Battery, 4×1.5 V AA, operating time up to 48 h			
Net weight	1,8 kg	2,0 kg		3,8 kg			
Permissible ambient temperature		5 °C – 35 °C		5 °C – 35 °C			
Price, excl. of VAT, ex works, €	240,-	240,-	240,-	330,-	295,-	295,-	295,-
Option DAkKS Calibr. Certificate	963-127, € 103,-	963-127, € 103,-	963-128, € 124,-	963-127, € 103,-	963-128, € 124,-	963-128, € 124,-	963-128, € 124,-

*Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].



Ideal for food industry, thanks to its IP65 protection and special checkweighing display, verification optional

Features

- Ideal for the increased hygienic requirements in the food industries
- 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 back of the balance
- Compact size
- **3** Innovative weighing with tolerance range: 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

- 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
- Dimensions weighing surface, stainless steel, WxD 263x203 mm
- Overall dimensions WxDxH 286x316x126,5 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, **€ 52,-**
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N, **€ 38,-**
- **4** Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions WxDxH 400x300x45 mm, KERN RFS-A02, **€ 75,-**

STANDARD						OPTION		FACTORY	
								WTB-NM	

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Options			
						Verification M KERN	€	DAkKS Calibr. Certificate KERN	€
WTB 1K-4N	1,5	0,2	-	-	285,-	-	-	963-127	103,-
WTB 3K-4N	3	0,5	-	-	285,-	-	-	963-127	103,-
WTB 6K-3N	6	1	-	-	285,-	-	-	963-128	124,-
WTB 10K-3N	15	2	-	-	285,-	-	-	963-128	124,-
WTB 30K-3N	30	5	-	-	285,-	-	-	963-128	124,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

WTB 1K-4NM	1,5	0,5	0,5	10	300,-	965-227	65,-	963-127	103,-
WTB 3K-3NM	3	1	1	20	300,-	965-227	65,-	963-127	103,-
WTB 6K-3NM	6	2	2	40	300,-	965-228	84,-	963-128	124,-
WTB 10K-3NM	15	5	5	100	300,-	965-228	84,-	963-128	124,-
WTB 30K-2NM	30	10	10	200	300,-	965-228	84,-	963-128	124,-



7

All-round bench scale, protected by stainless steel and IP65 rating, verification optional

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)
- Thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchens, sales offices, cafeterias, food industry laboratories, etc.)
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy 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 233x193 mm
- Overall dimensions WxDxH 243x300x127 mm
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight, charging time approx. 12 h
- Net weight approx. 4,0 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions WxDxH 400x300x45 mm, KERN RFS-A02, **€ 75,-**

STANDARD



3

OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Price excl. of VAT ex works €	Options			
						Verification M KERN	€	DAkkS Calibr. Certificate	€
KERN									
FFN 1K-4N	1,5	0,2	-	-	325,-	-	-	963-127	103,-
FFN 3K0.5IPN	3	0,5	-	-	325,-	-	-	963-127	103,-
FFN 6K11IPN	6	1	-	-	325,-	-	-	963-128	124,-
FFN 15K21IPN	15	2	-	-	325,-	-	-	963-128	124,-
FFN 25K51IPN	25	5	-	-	325,-	-	-	963-128	124,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.

The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

FFN 1K-4NM	1,5	0,5	0,5	10	340,-	965-227	65,-	963-127	103,-
FFN 3K11PM	3	1	1	20	340,-	965-227	65,-	963-127	103,-
FFN 6K21PM	6	2	2	40	340,-	965-228	84,-	963-128	124,-
FFN 15K51PM	15	5	5	100	340,-	965-228	84,-	963-128	124,-
FFN 25K101PM	25	10	10	200	340,-	965-228	84,-	963-128	124,-



Bench scale, protected by stainless steel and protection type IP68, verification optional

Features

- Ideal for the increased hygienic requirements in the food industries
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications
- Thanks to the stainless steel design of the housing and platform with smooth surface, the scale is rust-free and easy to clean
- **1** Dust and splash water protection type IP68. Therefore very robust and durable. Ideal for rough environmental conditions
- Very fast display: steady weight values within 2 s
- Thanks to battery operation, compact, light-weight construction, it is suitable for the use in several locations (kitchens, sales offices, cafeterias, food industry laboratories, etc.)

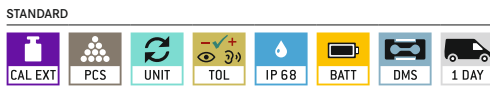
- **2** Recessed grips on the underside of the scale for easy transportation
- Weighing with tolerance range: a visual and audible signal helps with portioning, dispensing or grading

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, WxD 236x195 mm
- Ready for use: Batteries standard, 4x1.5 V Size D, operating time approx. 200 h. AUTO-OFF function to preserve the battery
- Net weight approx. 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3** Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions WxDxH 400x300x45 mm, KERN RFS-A02, **€ 75,-**



Note: Official verification is mandatory for commercial trade

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 €	Options			
							Verification M KERN €	DAkKS Calibr. €	Certificate KERN €	
KERN FXN 3K-4N	3	0,5	-	-	5	460,-	-	-	963-127	103,-
KERN FXN 6K-3N	6	1	-	-	10	460,-	-	-	963-128	124,-
KERN FXN 10K-3N	15	2	-	-	20	460,-	-	-	963-128	124,-
KERN FXN 30K-3N	30	5	-	-	50	460,-	-	-	963-128	124,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

KERN FXN 3K-3M	3	1	1	20	5	490,-	965-227	65,-	963-127	103,-
KERN FXN 6K-3M	6	2	2	40	10	490,-	965-228	84,-	963-128	124,-
KERN FXN 10K-3M	15	5	5	100	20	490,-	965-228	84,-	963-128	124,-
KERN FXN 30K-2M	30	10	10	200	50	490,-	965-228	84,-	963-128	124,-

1 ONLY WHILE STOCKS LAST



7



Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory, with optional verification

Features

- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, hermetically welded stainless steel load cell with protection against dust and water splashes IP68
- Display device: stainless steel, dust and splash water protection IP68, integrated power supply
- Ideal for the increased hygienic requirements in the food industries
- Superior display size: digit height 48 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi, Bluetooth)

- Each interface can be set up separately, e.g.:
 - Interface 1 (WiFi): Continuous sending to a PC for documentation of a process
 - Interface 2 (RS-232): Print stable weight
 - Interface 3 (analogue module): Controlling a device when the target weight is reached
 - Interface 4 (Bluetooth): Continuous sending to a tablet to monitor a process
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, stainless steel
 - A** 300×240×107 mm
 - B** 400×300×111 mm
 - C** 400×300×123 mm
 - D** 500×400×120 mm
 - E** 500×400×126 mm
 - F** 650×500×139 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C



Accessories

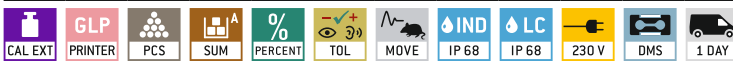
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,-**
- Stand to be screwed onto the platform
Height of stand approx. 330 mm,
KERN SXC-A01, **€ 95,-**
1 Height of stand approx. 600 mm,
KERN SFB-A01, **€ 110,-**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,-**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,-**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,-**
- Internal data interface WiFi,
KERN KUM-05, **€ 95,-**

- Internal data interface Bluetooth,
KERN KUM-06, **€ 135,-**
- Analogue module, KERN KUM-08, **€ 145,-**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,-**
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01, **€ 60,-**
- Signal lamp for visual support of weighing with tolerance range (only in combination with Data interface RS-232 KERN YKUM-01), KERN CFS-A03, **€ 310,-**
- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models with weighing plate size

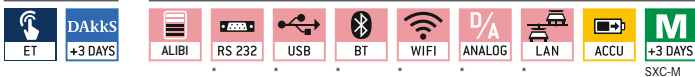
- B, C** KERN YRO-01, **€ 830,-**
- D, E** KERN YRO-02, **€ 870,-**
- F** KERN YRO-03, **€ 1200,-**

• Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION FACTORY



*Note: only two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi, Bluetooth) can be used at the same time

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification	€	DAkkS Calibr. Certificate	€
KERN SXC 6K-4	6	0,5	-	-	6	A	1220,-	-	-	963-128	124,-
SXC 10K-3	15	1	-	-	7	A	1220,-	-	-	963-128	124,-
SXC 10K-3L	15	1	-	-	12	B	1270,-	-	-	963-128	124,-
SXC 30K-3	30	2	-	-	12	B	1220,-	-	-	963-128	124,-
SXC 30K-3L	30	2	-	-	22	D	1280,-	-	-	963-128	124,-
SXC 60K-3	60	5	-	-	12	C	1220,-	-	-	963-129	153,-
SXC 60K-3L	60	5	-	-	22	E	1280,-	-	-	963-129	153,-
SXC 100K-2	150	10	-	-	12	E	1220,-	-	-	963-129	153,-
SXC 100K-2L	150	10	-	-	20	F	1410,-	-	-	963-129	153,-
SXC 300K-2	300	20	-	-	20	F	1500,-	-	-	963-129	153,-

Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

SXC 6K-3M	3 6	1 2	1 2	20 40	7	A	1130,-	965-228	84,-	963-128	124,-
SXC 10K-3M	6 15	2 5	2 5	40 100	7	A	1130,-	965-228	84,-	963-128	124,-
SXC 10K-3LM	6 15	2 5	2 5	40 100	8	B	1180,-	965-228	84,-	963-128	124,-
SXC 30K-3M	15 30	5 10	5 10	100 200	11	B	1130,-	965-228	84,-	963-128	124,-
SXC 30K-3LM	15 30	5 10	5 10	100 200	12	D	1180,-	965-228	84,-	963-128	124,-
SXC 60K-2M	30 60	10 20	10 20	200 400	11	C	1130,-	965-229	110,-	963-129	153,-
SXC 60K-2LM	30 60	10 20	10 20	200 400	12	E	1180,-	965-229	110,-	963-129	153,-
SXC 100K-2M	60 150	20 50	20 50	400 1000	12	E	1130,-	965-229	110,-	963-129	153,-
SXC 100K-2LM	60 150	20 50	20 50	400 1000	20	F	1310,-	965-229	110,-	963-129	153,-
SXC 300K-2M	150 300	50 100	50 100	1000 2000	20	F	1410,-	965-229	110,-	963-129	153,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.



7



Stainless steel platform scales with IP65/67 protection, also with XL platform or optional verification

Features

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

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Weighing platform dimensions WxDxH, stainless steel
 - A** 300x240x107 mm **B** 400x300x111 mm
 - C** 500x400x120 mm **D** 650x500x139 mm
- Rechargeable battery pack integrated, as standard, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **2** KERN SFB: Stand, to be screwed onto the platform, height of stand approx. 600 mm, KERN SFB-A01, **€ 110,-**
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, **€ 225,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03, **€ 160,-**
- Analogue module, must be ordered at purchase 0-10 V: KERN KFB-A04, **€ 170,-** 4-20 mA: KERN KFB-A05, **€ 170,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

*Please note: only one optional interface can be fitted for each device

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate	Net weight approx. kg	Price excl. of VAT ex works €	Options				
								Verification	€	DAkkS Calibr. Certificate	€	
KERN								M				
SFB 50K-3XL	50	5	-	-	C	14	970,-	-	-	963-128	124,-	
SFB 100K-2XL	100	10	-	-	D	24	1430,-	-	-	963-129	153,-	
3 With elevated display												
SFB 10K1HIP	10	1	-	-	A	8	850,-	-	-	963-128	124,-	
SFB 20K2HIP	20	2	-	-	A	8	850,-	-	-	963-128	124,-	
SFB 50K5HIP	50	5	-	-	A	8	850,-	-	-	963-128	124,-	
SFB 50K5LHIP	50	5	-	-	B	10	820,-	-	-	963-128	124,-	
SFB 100K10HIP	100	10	-	-	B	10	880,-	-	-	963-129	153,-	
Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.												
SFB 60K-2XLM	60	20	20	400	C	14	1130,-	965-229	110,-	963-129	153,-	
SFB 100K-2LM	150	50	50	1000	C	14	1210,-	965-229	110,-	963-129	153,-	
SFB 100K-2XLM	150	50	50	1000	D	24	1450,-	965-229	110,-	963-129	153,-	
3 With elevated display												
SFB 15K5HIPM	15	5	5	100	A	8	870,-	965-228	84,-	963-128	124,-	
SFB 30K10HIPM	30	10	10	200	A	8	870,-	965-228	84,-	963-128	124,-	
SFB 60K20LHIPM	60	20	20	400	B	10	890,-	965-229	110,-	963-129	153,-	
SFB 100K-2HM	150	50	50	1000	B	10	910,-	965-229	110,-	963-129	153,-	

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