

FCD, FCE, FCF, FFN, FGE, FOB, SFB, SFE,  
SXS, FXN, RIB, RPB, RFE, CPE, CIB, CCA,  
CCS, CDS, EOC, IOC, DS, EFC, EOE, IFB,  
IXS, NIB, BID, BFA, BXS, UFA, UFC, HCD,  
HFD

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# Bench scale FCD

Bench scale with integrated rechargeable battery pack for maximum freedom and a practical printer connection



- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Compact size, practical for small spaces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Totalising of weights

## STANDARD



## OPTION



## ALL MODELS

Model	Weighing range [Max] kg	Readout [d] g	Repeat-ability g	Min. piece weight (Normal) g/piece	Weighing plate mm	Option DAkkS Calibration Certificate
FCD 3K-3	3	0,1	2	5	230×300	
FCD 6K-3	6	0,2	2	10	230×300	
FCD 10K-3	15	0,5	10	25	230×300	
FCD 30K-2	30	1	10	50	230×300	

# Bench scale FCE-N

Entry-level bench scale – mobile, practical, lightweight



- Simple and convenient 2-key operation
- Very fast display: steady weight values within 3 sec
- **1** Ideal as a compact letter and parcel scale, especially where space is limited
- **2** Ideal as a grading, commissioning or simple checkweighing scale in production or dispatch
- Protective working cover included with delivery

## STANDARD



## OPTION



## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Repeatability g	Weighing plate W×D×H mm	Option DAkkS Calibration Certificate
FCE 6K2N-2017a	6	2	2	252×228×12.5	✓
FCE 3K1N	3	1	2	252×228×25	✓
FCE 6K2N	6	2	2	252×228×12.5	✓
FCE 15K5N	15	5	10	252×228×12.5	✓
FCE 30K10N	30	10	10	252×228×12.5	✓

# Bench scale FCF

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



- Simple and convenient 5-key operation
- Very fast display: steady weight values within 3 sec
- Ideal as a
  - compact letter and parcel scale, especially where space is at a premium
  - grading or commissioning balance or simple checkweigher in production or dispatch
  - Checkweigher in the catering trade, cafeterias, school kitchens
- High mobility: Battery operation/rechargeable battery pack (optional), compact construction and low weight make this balance ideal for use in several locations (production, warehouse, dispatch department etc.)
- Protective working cover included with delivery
- Watch the product film for FCF?

## STANDARD



## OPTION FACTORY



## ALL MODELS

Model	Weighing range [Max] kg	Readout [d] g	Repeat-ability g	Min. piece weight (Normal) g/piece	Weighing plate mm	Option DAkkS Calibration Certificate
FCF 3K-4	3	0,1	0,1	2	253×228	☑
FCF 30K-3	30	1	1	20	253×228	☑



# Bench scale FFN-N

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



- Ideal for the ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries
- **2** Ideal for the robust industrial applications
- Your support in a HACCP-compliant quality system
- High mobility: thanks to battery operation, compact construction and low weight, it is suitable for use in several locations such as production, kitchen, sales office 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
- protection against dust and water splashes IP65 (only when using rechargeable battery pack)

## STANDARD

## OPTION FACTORY



**3**

## ALL MODELS

Model	Weighing capacity	Readability	Verific. value	Minimum load	233×193	Option Verification	Option DAkkS
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	[Max] kg	[d] g	[e] g	[Min] g			Calibration Certificate
FFN 1K-4N	1,5	0,2			233×193	—	☑
FFN 3K0.5IPN	3	0,5			233×193	—	☑
FFN 6K1IPN	6	1			233×193	—	☑
FFN 15K2IPN	15	2			233×193	—	☑
FFN 25K5IPN	25	5			233×193	—	☑

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	233×193	☑	☑
FFN 3K1IPM	3	1	1	20	233×193	☑	☑
FFN 6K2IPM	6	2	2	40	233×193	☑	☑
FFN 15K5IPM	15	5	5	100	233×193	☑	☑
FFN 25K10IPM	25	10	10	200	233×193	☑	☑

# Design kitchen scales FGE

Precise design kitchen scale for kitchen, canteen, gastronomy



KERN FGE 5K-3

- KERN FGE 10K-3: Weighing plate made out of safety glass
- For easy and hygienic cleaning
- Low overall height for secure footing and space-saving storage
- Secure and non-slip positioning with height-adjustable rubber feet
- Very easy to use
  - KERN FGE 5K-3: 2 Buttons
  - KERN FGE 10K-3: 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-contrast display that is easy to read
- Delivery in attractive jewellery packaging

## Technical data

### KERN FGE 5K-3:

- Large backlit LCD display, digit height 18 mm
- Overall dimensions W×D×H 152×230×15 mm

### KERN FGE 10K-3:

- Large backlit LCD display, digit height 22 mm
- Overall dimensions W×D×H 272×250×22 mm

STANDARD



OPTION



ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Option DAkkS Calibration Certificate
FGE 5K-3S05	5	1	963-127
FGE 10K-3S05	15	1	963-128

# Bench scale FOB-NL

Stainless steel bench scale with large weighing range and IP67 protection against dust and water splashes



- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Your support in a HACCP-compliant quality system
- High mobility: thanks to compact, flat construction, it is suitable for use in several locations (kitchen, sales office, market stall etc.)
- Secure and non-slip positioning with rubber feet
- protection against dust and water splashes IP67 (only when using battery)
- Ready for use: batteries 4×1.5 V AA standard, operating time up to 48 h
- Protective working cover included with delivery

## STANDARD



## OPTION



## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate W×D×H mm	Option DAkkS Calibration Certificate
FOB 3K-4NL	3	0,2		
FOB 7K-4NL	5   7,5	0,5   1		
FOB 10K-3NL	8   15	1   2		
FOB 30K-3NL	16   30	2   5		

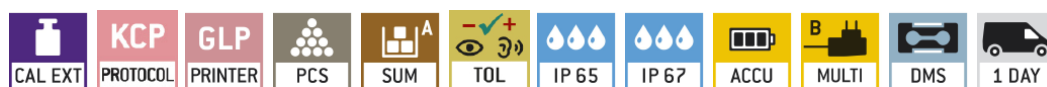
# Platform scale SFB

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



- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, silicone-coated stainless load cell, protection against dust and water splashes IP67
- Stainless steel display device with IP65 protection, only when using rechargeable battery pack
- [3] only SFB-H: Stand, standard, for models with weighing plate size  
300×240 mm: height of stand approx. 200 mm  
400×300 mm: height of stand approx. 200 mm
- Superior display size: digit height 50 mm. Bright backlight for easy reading of weighing results, even in poor lighting conditions
- Your support in a HACCP-compliant quality system

## STANDARD



[2]









[1]

## OPTION FACTORY



only  
SFB-  
M/SFB-  
HM

ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate W×D mm	Option DAkkS Calibration Certificate	Option Verification
SFB 50K-3XL	50	5			500×400		—
SFB 100K-2XL	100	10			650×500		—
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	500×400		
SFB 100K-2LM	150	50	50	1000	500×400		
SFB 100K-2XLM	150	50	50	1000	650×500		

# Platform scale SFE

Platform scale with dust and spray protection IP65 and EC type approval [M]



Weighing surface W×D 300×240 mm

- Platform scale protected to IP65 with stainless steel display device, for industrial applications, hygienic and easy to clean
- Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cellprotection against dust and water splashes IP65
- Display device: stainless steel, protection against dust and water splashes IP65, for industrial applications, hygienic and easy to clean. Flexible positioning, e.g. free-standing or mounted to the wall, KERN KFE-TM
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portion division, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels (only for non-verified models)

STANDARD























OPTION FACTORY

ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate W×D×H mm	Option Verification	Option DAkKS Calibration Certificate
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Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate W×D×H mm	Option Verification	Option DAkkS Calibration Certificate
SFE 6K-3NM	6	2	2	40	300×240×110		
SFE 10K-3NM	15	5	5	100	300×240×110		
SFE 10K-3LNM	15	5	5	100	400×300×130		
SFE 30K-2NM	30	10	10	200	300×240×110		
SFE 60K-2NM	60	20	20	400	400×300×130		
SFE 60K-2LNM	60	20	20	400	500×400×140		
SFE 100K-2NM	150	50	50	1000	400×300×130		
SFE 100K-2LNM	150	50	50	1000	500×400×140		
SFE 100K-2XLNM	150	50	50	1000	650×500×140		
SFE 300K-1LNM	300	100	100	2000	650×500×140		

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.

# Platform scale SXS

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



A

- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, silicone-coated stainless 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
- Thanks to the RS-232, RS-485 and Bluetooth (optional) interfaces, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale
- Easy-to use KERN menu structure with printout of weighing results which can be intuitively adapted
- Model SXS 100K-2LM, SXS 300K-2M: Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs
- Note: It is only possible to install one cable option. Either the RS-232 data interface KERN KXS-A04 or the KERN foot pedal KERN KXS-A03
- Your support in a HACCP-compliant quality system

## STANDARD



## OPTION FACTORY



## ALL MODELS


Model	Weighing range [Max] kg	Readout [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate W×D×H mm	Option Verification	Option DAkkS Calibration Certificate
High-resolution display							
SXS 6K-3	6	0,5			300×240×86	—	☑
SXS 10K-3	15	1			300×240×86	—	☑
SXS 10K-3L	15	1			400×300×89	—	☑
SXS 30K-2L	30	2			500×400×123	—	☑
SXS 60K-2	60	5			400×300×89	—	☑
SXS 60K-2L	60	5			500×400×123	—	☑
SXS 100K-2	150	10			500×400×123	—	☑
SXS 100K-2L	150	10			650×500×135	—	☑
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].							
SXS 6K-3M	3   6	1   2	1   2	20   40	300×240×86	☑	☑
SXS 10K-3LM	6   15	2   5	2   5	40   100	400×300×89	☑	☑
SXS 10K-3M	6   15	2   5	2   5	40   100	300×240×86	☑	☑
SXS 30K-2LM	15   30	5   10	5   10	100   200	500×400×123	☑	☑
SXS 60K-2M	30   60	10   20	10   20	200   400	400×300×89	☑	☑
SXS 60K-2LM	30   60	10   20	10   20	200   400	500×400×123	☑	☑
SXS 100K-2M	60   150	20   50	20   50	400   1000	500×400×123	☑	☑
SXS 100K-2LM	60   150	20   50	20   50	400   1000	650×500×135	☑	☑

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.

# Bench scale FXN-N

Bench scale, protected by stainless steel and IP68 rating, now also with EC type approval [M]



- 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
- IP68 protection: very high class of protection against dust and water. Making it very robust and durable. 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 sec
- High mobility: Battery operation, compact construction and low weight make this balance ideal for use in several locations (production, kitchen, sales office etc.)
-  Recessed grips on the underside of the scale for easy transportation
- Checkweighing: A visual and audible signal assists with portion division, dispensing or grading
- Watch the product film

## STANDARD



CAL EXT



PCS



UNIT



TOL



IP 68



BATT



DMS



1 DAY

## OPTION FACTORY







+3 DAYS











+3 DAYS

only FXN-M

ALL MODELS

Model	Weighing range [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Min. piece weight (Normal) g/piece	Weighing plate W×D mm	Option Verification	Option DAkkS Calibration Certificate
FXN 3K-4N	3	0,5			5	236×195	—	
FXN 6K-3N	6	1			10	236×195	—	
FXN 10K-3N	15	2			20	236×195	—	
FXN 30K-3N	30	5			50	236×195	—	

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	236×195		
FXN 6K-3M	6	2	2	40	10	236×195		
FXN 10K-3M	15	5	5	100	20	236×195		
FXN 30K-2M	30	10	10	200	50	236×195		

# Price computing scale RIB

High-quality retail scale with large item memory and user-friendly concept of operation



- **1** KERN RIB-HM: Elevated display backlit, on column, height of stand approx. 530 mm, must be ordered at purchase
- **2** KERN RIB-M: Second display on the rear of the balance (only with models without the elevated indicator)
- Three displays for total weight (verifiable), unit price, total price
- 10 direct price keys for frequently recurring article prices
- Memory (PLU) for 20 article prices
- Energy management: Backlight turns off after 5 sec, can be switched off
- Soil-resistant construction with water channels at the edge of the housing and sealing rings over the upper housing inlets
- Protective working cover included with delivery

## Application examples

- retail shops
- farm shops
- pick your own fruit and vegetable sales

### STANDARD















### OPTION



### FACTORY



## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Repeat-ability g	Linearity g	Option Verification	Option DAkkS Calibration Certificate
RIB 6K-3M	3   6	1   2	1   2	20   40	1   2	1   2		
RIB 10K-3M	6   15	2   5	2   5	40   100	2   5	2   5		
RIB 30K-2M	15   30	5   10	5   10	100   200	5   10	5   10		
with elevated display								
RIB 6K-3HM	3   6	1   2	1   2	20   40	1   2	1   2		
RIB 10K-3HM	6   15	2   5	2   5	40   100	2   5	2   5		
RIB 30K-2HM	15   30	5   10	5   10	100   200	5   10	5   10		

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.

# Price computing scale RPB

Retail scale with memories for item prices



- New: modern, ergonomic design and a housing which is even more compact, supporting efficient operation and saving space
- **1** RPB-HM: Elevated display backlit, revolving on column, height of stand approx. 480 mm, must be ordered at purchase
- **2** Second display on the rear of the balance , standard (only with models without the elevated indicator)
- Three displays for: total weight (verifiable), unit price, total price
- Unit price can be switched from €/kg to €/100 g
- Memory (PLU) for 10 article prices
- Auto-clear-key: Unit price entry is automatically set to zero when scale is unloaded
- **3** High mobility: thanks to battery operation (optional) and compact, flat construction, it is suitable for use in several locations

#### Application examples:

- retail shops
- market places
- farm shops
- pick your own fruit and vegetable sales

Note: Official verification duty for commercial trade



## STANDARD



## OPTION



## FACTORY



## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Repeat-ability g	Linearity g	Option Verification	Option DAkks Calibration Certificate
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].								
RPB 3K3DM	1,5   3	0,5   1	0,5   1	10	1   2	3   6	✓	✓
RPB 6K1DM	3   6	1   2	1   2	20	1   2	3   6	✓	✓
RPB 15K2DM	6   15	2   5	2   5	40	2   5	6   15	✓	✓
RPB 30K5DM	15   30	5   10	5   10	100	5   10	15   30	✓	✓
with elevated display								
RPB 3K3DHM	1,5   3	0,5   1	0,5   1	10	1   2	3   6	✓	✓
RPB 6K1DHM	3   6	1   2	1   2	20	1   2	3   6	✓	✓
RPB 15K2DHM	6   15	2   5	2   5	40	2   5	6   15	✓	✓
RPB 30K5DHM	15   30	5   10	5   10	100	5   10	15   30	✓	✓

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.

# Price computing scale RFE

Compact portion scale with 2 XXL displays – weight, unit price, total price and TARE value at a glance



- Ideal as a salad scale, sweet scale, checkweigher, portion scale or zero-waste scale: Shopping without plastic or packaging waste in packaging-free supermarkets
- Large LCD display with four displays for weight display (verifiable), unit price, total price and stored TARE or PRE-TARE value
- TARE value display: this shows a TARE or PRE-TARE value stored in a PLU, which enables this value to be stored in a legally binding way in accordance with the Weights and Measures Act
- [1] Second display on the rear of the balance
- [2] Column to elevate the display as standard, can be easily fitted or removed by the user . The power cable for the second display can be stored in the folding column which is hygienic and gives a tidy appearance. Height of stand approx. 395 mm
- [3] Thanks to easily-understandable, universal symbols e.g. for weight, piece weight, total price this balance can also be understood and operated easily all over the world
- Unit price can be switched from €/kg to €/100 g
- Auto-clear-key: Unit price entry is automatically set to zero when scale is unloaded
- Memory (PLU) for 100 article prices
- 4 direct price keys for frequently recurring article prices
- Item description can be entered, stored and shown on the display in clear text
- Headers and footers of the printout can be programmed directly on the balance
- High mobility: thanks to rechargeable battery operation (optional), compact, flat construction and low weight, it is suitable for use in several locations
- Recessed grips on the underside of the scale for easy transportation
- Watch the product film

STANDARD



OPTION



FACTORY



ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Option Verification	Option DAkkS Calibration Certificate
RFE 6K3M-2020a	3   6	1   2	1   2	20		
RFE 15K3M-2020a	6   15	2   5	2   5	40		
RFE 30K3M-2020a	15   30	5   10	5   10	100		

# Counting scale CPE

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 60,000 points



- Three displays for weight display, reference weight, total pieces
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Compact size, practical for small spaces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Totalising of weights

## STANDARD



## OPTION

## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Min. piece weight (Normal) g/piece	Option DAKKS Calibration Certificate
CPE 6K-3	6	0,2	1	☑
CPE 15K-3	15	0,5	2,5	☑
CPE 30K-3	30	1	5	☑

# Counting scale CIB

Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points



- The counting process can be supported visually and/or audibly and this therefore makes portion division, dispensing and grading easier
- visual signal: the colour of the display changes depending on the counting result (not enough/ok/too much)
- audible signal: the frequency of the audible signal changes depending on the counting result (not enough/ok/too much) Ideal for workshops for people with disabilities, particularly loud or quiet environments, where operators change frequently, etc. [/]
- Three displays for total weight, piece weight, total quantity
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Programmable using numerical key pad  
required reference quantity  
known reference weight
- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- 20 freely assignable direct keys for frequently recurring reference weights and PRE tare values
- Memory (PLU) for 50 reference weights and PRE-Tare values
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Two scales in one: Switching from counting mode to weighing mode at the touch of a key
- Energy management: Backlight turns off after 5 sec, can be switched off
- Protective working cover included with delivery

#### Technical data

- Large backlit LCD displays, digit height 18 cm
- Dimensions weighing surface WxD 315x215 mm
- Permissible ambient temperature -10 °C/40 °C

## STANDARD



## OPTION



## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Min. piece weight (Normal) g/piece	Option DAkkS Calibration Certificate	Counting resolution  Points
CIB 3K-4	3	0,2	1		30000
CIB 6K-4	6	0,5	2		30000
CIB 10K-3	15	1	5		30000
CIB 30K-3	30	2	10		30000

# Counting system CCA

High-resolution counting system with EC type approval to count the smallest parts in the largest quantities, counting resolution up to 300.000.000 points



- The highly accurate KERN counting system can replace a whole range of individual balances, efficiently and at a reasonable price
- Thanks to EC type approval [M] this counting system can also be used in verified applications, e.g. for order picking packaged items, etc.
- The balances are connected to one another with an RS 232 Y-cable, which also allows you to connect an end unit, such as, for example, signal lamps, barcode scanners or printers (KERN TCCA-A01-A, included in the scope of supply)

## Reference scale KERN EWJ

- This professional precision scale, which can also be used as a stand-alone scale, meets the highest demands for accuracy, weighing capacity and volume of items, by being connected to a high-capacity weighing bridge
- Concept of easy use: All primary functions have their own key on the keypad
- Automatic internal adjustment time-controlled every 2 hours, guarantees high degree of accuracy and makes the balance independent of its location of use
- Draft shield standard, weighing space W×D×H 134×128×80 mm
- Protective working cover included with delivery

## Quantity scale KERN IFS

- The high-accuracy quantity counting takes place on the weighing platform (= weighing bridge) KERN . In this way even the smallest of parts can be counted in large volumes
- Tough industry standard suitable for use in harsh applications
- Ergonomic display device with large keypad and high-contrast LCD display for easy entry and reading of, e.g., tare weights, reference weights, limit values etc.
- Three displays for total weight (verifiable), piece weight, total quantity
- 100 item memories for master data, such as item number, PRE-TARE (container weight), reference quantity, refere. weight etc.
- Precise counting: The manual optimisation of reference weight gradually improves the average value of the piece weight
- Totalising of pieces when counting
- Printout with date and time
- Aluminium singlepoint load cell (1x3000e), protection against dust and water splashes IP65
- Protective working cover included with delivery










## STANDARD

EWJ	IFS	IFS		EWJ		EWJ	IFS		EWJ	IFS	IFS	EWJ					IFS		

## OPTION FACTORY

## ALL MODELS

Model	Quantity scale	Weighing capacity [Max] kg	Weighing plate mm	Reference scale	Weighing range [Max] kg	Readability [d] g	Min. piece weight (Normal) g/piece	Option Verification
CCA 6K-5M	IFS 6K-3M	3   6	300×240×110	EWJ 600-2M	0,6	0,01	0,2	✓
CCA 6K-4M	IFS 6K-3M	3   6	300×240×110	EWJ 6000-1M	6	0,1	1	✓
CCA 10K-5M	IFS 10K-3M	6   15	300×240×110	EWJ 600-2M	0,6	0,01	0,2	✓

Model	Quantity scale	Weighing capacity [Max] kg	Weighing plate mm	Reference scale	Weighing range [Max] kg	Read- ability [d] g	Min. piece weight (Normal) g/piece	Option Verification
CCA 10K-4M	IFS 10K-3M	6   15	300×240×110	EWJ 6000-1M	6	0,1	1	
CCA 30K-5M	IFS 30K-3M	15   30	400×300×120	EWJ 600-2M	0,6	0,01	0,2	
CCA 30K-4M	IFS 30K-3M	15   30	400×300×120	EWJ 6000-1M	6	0,1	1	
CCA 60K-5M	IFS 60K-2M	30   60	400×300×120	EWJ 600-2M	0,6	0,01	0,2	
CCA 60K-4M	IFS 60K-2M	30   60	400×300×120	EWJ 6000-1M	6	0,1	1	
CCA 100K-5M	IFS 100K-2M	60   150	500×400×140	EWJ 600-2M	0,6	0,01	0,2	
CCA 100K-4M	IFS 100K-2M	60   150	500×400×140	EWJ 6000-1M	6	0,1	1	
CCA 300K-5M		150   300	650×500×140	EWJ 600-2M	0,6	0,01	0,2	
CCA 300K-4M		150   300	650×500×140	EWJ 6000-1M	6	0,1	1	



# Counting system CCS

Counting system to count the smallest parts in the largest quantities, counting resolution up to 999,999 points



With this highly-accurate counting system KERN CCS you can replace a large spectrum of individual counting scales

## Reference scale KERN CFS:

This professional KERN CFS counting scale, which can also be used as a stand-alone scale, meets the highest demands for accuracy, weighing range and volume of items, by being connected to a high-capacity weighing bridge

- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight
- Three displays for total weight, piece weight, total quantity
- Memory (PLU) for 100 items with additional text, reference weight and tare weight, e.g. of a container
- Audible Fill-to-target: target quantity or target weight can be programmed. When the target value is reached, a signal will sound
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value

## Quantity scale KERN KFP:

The high-accuracy quantity counting takes place on the weighing platform (= weighing bridge) KERN CCS. In this way even the smallest of parts can be counted in large volumes


























- Stainless steel platform, painted steel base
- Aluminium singlepoint load cell (1×3000 e), protection against dust and water splashes IP65
- delivery for models with [Max] ≥ 600kg: 5 working days (Freight forwarder)
- Protective working cover included with delivery
- Watch the product film for CCS
- Watch the KCP information film

## STANDARD



## OPTION

# ALL MODELS

Model	Quantity scale	Weighing capacity [Max] kg	Weighing plate mm	Reference scale	Weighing range [Max] kg	Read-ability [d] g	Min. piece weight (Normal) g/piece	Option DAkkS Calibration Certificate
CCS 6K-6	KFP 6V20M	6	230×230×100	CFS 300-3	0,3	0,001	0,05	
CCS 10K-6	KFP 15V20M	15	300×240×110	CFS 300-3	0,3	0,001	0,05	
CCS 30K0.01.	KFP 30V20M	30	400×300×128	CFS 3K-5	3	0,01	0,5	
CCS 30K0.1.	KFP 30V20M	30	400×300×120	CFS 6K0.1	6	0,1	1	
CCS 60K0.01.	KFP 60V20M	60	400×300×128	CFS 3K-5	3	0,01	0,5	
CCS 60K0.01L.	KFP 60V20LM	60	500×400×137	CFS 3K-5	3	0,01	0,5	
CCS 60K0.1.	KFP 60V20M	60	400×300×128	CFS 6K0.1	6	0,1	1	
CCS 60K0.1L.	KFP 60V20LM	60	500×400×135	CFS 6K0.1	6	0,1	1	
CCS 150K0.01	KFP 150V20M	150	500×400×137	CFS 3K-5	3	0,01	0,5	
CCS 150K0.01L	KFP 150V20LM	150	650×500×142	CFS 3K-5	3	0,01	0,5	
CCS 150K0.1.	KFP 150V20M	150	500×400×137	CFS 6K0.1	6	0,1	1	
CCS 150K0.1L	KFP 150V20LM	150	650×500×142	CFS 6K0.1	6	0,1	1	
CCS 300K0.01	KFP 300V20M	300	650×500×142	CFS 3K-5	3	0,01	0,5	
CCS 300K0.1	KFP 300V20M	300	650×500×142	CFS 6K0.1	6	0,1	1	
CCS 600K-2L	KFP 600V20NM	600	1500×1250×80	CFS 3K-5	3	0,01	0,5	
CCS 600K-2U	KFU 600V20M	600	840×1190×90	CFS 3K-5	3	0,01	0,5	
CCS 1T-1L		1500	1500×1250×80	CFS 6K0.1	6	0,1	1	
CCS 1T-1U		1500	840×1190×90	CFS 6K0.1	6	0,1	1	
CCS 3T-1	KFP 3000V20NM	3000	1500×1250×80	CFS 6K0.1	6	0,1	1	
CCS 600K-1S	KIP 600V20SM	6	1000×1000×108	CFS 6K0.1	6	0,1	1	
CCS 600K-1	KIP 600V20M	6	1200×1500×108	CFS 6K0.1	6	0,1	1	
CCS 1T-4	KIP 1500V20M	6	1200×1500×108	CFS 6K0.1	6	0,1	1	
CCS 1T-4S	KIP 1500V20SM	6	1000×1000×108	CFS 6K0.1	6	0,1	1	
CCS 3T-3	KIP 3000V20M	6	1200×1500×108	CFS 6K0.1	6	0,1	1	
CCS 3T-3L	KIP 3000V20LM	6	1500×1500×108	CFS 6K0.1	6	0,1	1	

# Counting scale CDS

Easy to use industrial counting scale for heavy loads, counting resolution up to 300,000 points



CDS 4K0.02

- Self-explanatory graphic control panel. The counting process can be understood immediately even without operating instructions
  - No learning time = reduces costs
  - Ideal for untrained users
  - Visualised process avoids operating errors
- The 4 steps are carried out from left to right:
  - 1 Place the empty container onto the weighing plate and tare by pressing the TARE key
  - 2 2 Place the reference quantity for the goods to be counted into the container (5, 10 or 20 pieces)
  - 3 3 Confirm the selected reference quantity by pressing the key (5, 10 or 20)
  - 4 4 Pour in the goods to be counted. The number of pieces will immediately be shown in the display
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS 232 or USB, for the exchange of data and control commands, without any installation outlay
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Standardised, simplified concept of operation
- Protective working cover included with delivery

## STANDARD



## OPTION

## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Min. piece weight (Normal) g/piece	Counting resolution Points	Weighing plate W×D×H mm	Option DAKKS Calibration Certificate
CDS 4K0.02	4	0,02	0,2	200000	228×228×95	
CDS 15K0.05	15	0,05	0,5	300000	308×318×75	
CDS 16K0.1	16	0,1	1	160000	308×318×75	
CDS 30K0.1	30	0,1	1	300000	308×318×75	
CDS 30K0.1L	30	0,1	1	300000	500×400×125	
CDS 36K0.2L	36	0,2	2	180000	500×400×125	
CDS 60K0.2	60	0,2	2	300000	500×400×125	

# Counting scale CDS-2021a

Easy to use industrial counting scale for heavy loads, counting resolution up to 300,000 points



Self-explanatory graphic control panel, the workings steps can be understood immediately, even without operating instructions

- No learning time = reduces costs
- Ideal for untrained users
- Visualised process avoids operating errors
  - Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
  - The 4 steps are carried out from left to right:
    - Place the empty container onto the weighing plate and tare by pressing the TARE key
    - Place the reference quantity for the goods to be counted into the container (5, 10 or 20 pieces)
    - Confirm the selected reference quantity by pressing the key (5, 10 or 20)
    - Pour in the goods to be counted. The number of pieces will immediately be shown in the display
  - Protective working cover included with delivery

## STANDARD



## OPTION



## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Linearity g	Min. piece weight (Normal) g/piece	Option DAkkS Calibr. Certificate
CDS 15K0.05-2021a	15	0,05	0,25	0,5	
CDS 36K0.2L-2021a	36	0,2	0,6	2	

# Platform scale EOC

Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



- High mobility: thanks to battery operation (optional) and compact, flat construction, it is suitable for use in several locations (laboratory, quality control, commissioning etc.)
- Platform: Weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- **1** Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Percentage determination: makes it possible to store a given weight value (100 %) and to determine deviations from this target value
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Benchtop stand incl. wall mount for display device as standard
- Weighing instead of counting! Because the counting function is so easy to use, you can rapidly record large numbers of small parts – which saves time and money!
- Practical Flip/Flop display device: flexible positioning e.g. free-standing or screwed to the wall (optional). By rotating the upper housing shell you can determine the angle of the display as well as the cable outlet
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol. Only possible through data interface RS-232, other interfaces on request
- Protective working cover included with delivery
- Watch the product film for EOC
- Watch the KCP information film

## STANDARD

## OPTION

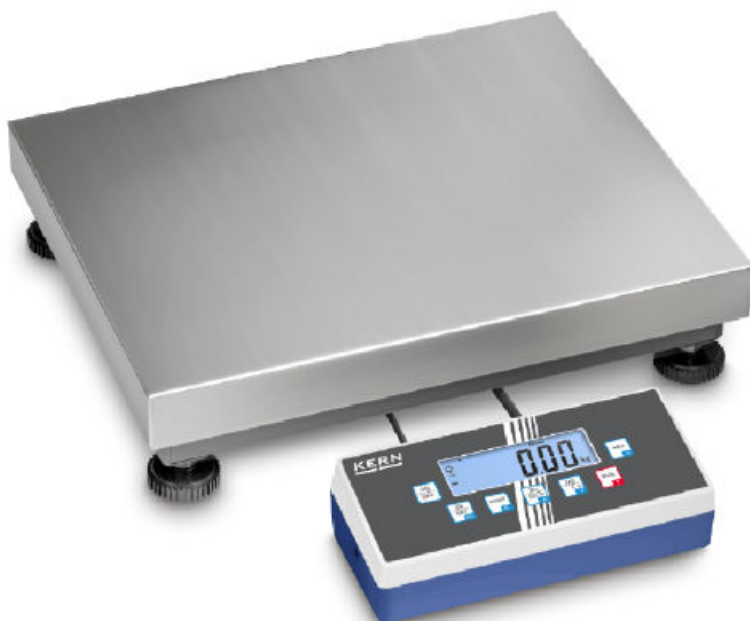


## ALL MODELS

Model	Weighing range [Max] kg	Readout [d] g	Min. piece weight (Normal) g/piece	Repro- ducibility g	Linearity g	Option DAkkS Calibr. Certificate
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].						
EOC 6K-3	3   6	1   2	2,5	1   2	3   6	✓
EOC 10K-3	6   12	2   5	5	2   5	6   15	✓
EOC 30K-3	15   35	5   10	10	5   10	15   30	✓
EOC 30K-3L	15   35	5   10	10	5   10	15   30	✓
EOC 60K-2	30   60	10   20	20	10   20	30   60	✓
EOC 60K-2L	30   60	10   20	20	10   20	30   60	✓
EOC 100K-2	60   150	20   50	50	20   50	60   150	✓
EOC 100K-2L	60   150	20   50	50	20   50	60   150	✓
EOC 100K-2XL	60   150	20   50	50	20   50	60   150	✓
EOC 100K-2XXL	60   150	20   50	100	20   50	60   150	✓
EOC 300K-2	150   300	50   100	100	50   100	150   300	✓
EOC 300K-2L	150   300	50   100	100	50   100	150   300	✓
EOC 6K-4A	6	0,5	2,5	0,5	1,5	✓
EOC 10K-3A	12	1	5	1	3	✓
EOC 20K-3A	24	2	10	2	6	✓
EOC 60K-3A	60	5	20	5	15	✓
EOC 100K-2A	120	10	50	10	30	✓
High-resolution display						
EOC 10K-4	6   15	0,2   0,5	5	0,2   0,5	0,6   1,5	✓
EOC 30K-4	15   35	0,5   1	10	0,5   1	1,5   3	✓
EOC 60K-3	30   60	1   2	20	1   2	3   6	✓
EOC 60K-3L	30   60	1   2	20	1   2	3   6	✓
EOC 100K-3	60   150	2   5	50	2   5	6   15	✓
EOC 100K-3L	60   150	2   5	50	2   5	6   15	✓
EOC 300K-3	150   300	5   10	100	5   10	15   30	✓
EOC 30K-4S	15   35	0,5   1	10	0,5   1	1,5   3	✓

# Platform scale IOC

All-round platform scale with a range of communication options and EC type approval [M]



500×400×120 mm

- Industry 4.0: A wide range of (optional) data interfaces means that it is easy to transfer weighing data to tablets, laptops, PCs, networks, Smartphones, printers, etc.
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol. Only possible through data interface RS-232, other interfaces on request
- Platform: stainless steel weighing plate, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- NEW: from now on the calibrated models can be operated with an optional data interface, such as Bluetooth, WiFi, LAN (optional alibi memory required). This enables convenient data transfer of weighing results in legal-for-trade applications
- Possible application scenarios for interfaces:
  - RS-232, included in the scope of delivery, e.g. for connecting a PC or printer
  - LAN, WiFi, Bluetooth, USB for PC, optional, e.g. for connecting a PC or peripheral device
  - USB for USB stick, optional, e.g. for exporting alibi data to a USB stick or hard disk
  - Digital I/O, including signal lamp, optional, e.g. for optical support during weighing with tolerance range, piece counting etc.
- Watch the product film
- Watch the KCP information film
- Note: In addition to the RS-232 data interface, which is integrated as standard, only one other data interface can be installed and operated
- **!** The legislator stipulates that a verified scale that transmits measured values to a PC, ERP/CRM system or similar by means of an interface must have an alibi memory (KIB-A13). A subsequent upgrade is not possible.



## STANDARD



## OPTION

IOC  
600K-1M

## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate mm	Option Verification
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Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].

IOC 6K-4	3   6	0,1   0,2		20   40	300×300	—
IOC 10K-4	6   15	0,2   0,5		40   100	300×240	—
IOC 10K-4L	6   15	0,2   0,5		40   100	400×300	—
IOC 30K-4	15   30	0,5   1		100   200	400×300	—
IOC 60K-3	30   60	1   2		200   400	400×300	—
IOC 60K-3L	30   60	1   2		200   400	500×400	—
IOC 100K-3	60   150	2   5		400   1000	500×400	—
IOC 100K-3L	60   150	2   5		400   1000	650×500	—
IOC 300K-3	150   300	5   10		1000   2000	650×500	—
IOC 600K-2	300   600	10   20		2000   4000	800×600	—

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.

IOC 6K-3M	3   6	1   2	1   2	20   40	300×300	☑
IOC 10K-3M	6   15	2   5	2   5	40   100	300×240	☑
IOC 10K-3LM	6   15	2   5	2   5	40   100	400×300	☑
IOC 30K-3M	15   30	5   10	5   10	100   200	400×300	☑
IOC 60K-2M	30   60	10   20	10   20	200   400	400×300	☑
IOC 60K-2LM	30   60	10   20	10   20	200   400	500×400	☑
IOC 100K-2M	60   150	20   50	20   50	400   1000	500×400	☑
IOC 100K-2LM	60   150	20   50	20   50	400   1000	650×500	☑
IOC 300K-2M	150   300	50   100	50   100	1000   2000	650×500	☑
IOC 600K-1M	300   600	100   200	100   200	2000   4000	800×600	☑

# Platform scale DS-2021a

Precision industrial scale with laboratory accuracy



**B**

- High-capacity precision balance, ideal for high volume or heavy samples to be weighed with a high degree of accuracy
- User guidance step by step on display by Yes/No dialogue
- Numerical subtraction of tare weight for known container weight. Useful for checking fill-levels
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, grammage g/m<sup>2</sup>, or similar
- Protective working cover included with delivery

Watch the product film for DS

STANDARD



OPTION



**B**

## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Repeat-ability g	Linearity g	Min. piece weight (Normal) g/piece	Option DAkkS Calibration Certificate
DS 30K0.1L-2021a	30	0,1	0,2	0,5	1	
DS 100K0.5-2021a	100	0,5	0,5	1,5	5	
DS 150K1-2021a	150	1	1	3	10	

# Platform scale EFC


Platform scale with integrated rechargeable battery pack, a bright LED display and a column for greatest ease of use





Weighing plate W×D×H 500×400×120 mm


- Weighing plate stainless steel, painted steel base
- Display device: Superior display size: digit height 52 mm, for easy reading of weighing results, even in poor lighting conditions
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Totalising of weights

STANDARD


CAL EXT


RS 232


GLP  
PRINTER


PCS


SUM


TOL

MOVE

ACCU

MULTI








DMS

1 DAY

OPTION

DAkKS  
+3 DAYS

ALL MODELS				
Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate W×D×H mm	Option DAkKS Calibration Certificate

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate W×D×H mm	Option DAkkS Calibration Certificate
EFC 30K-3	30	2	400×300×124	
EFC 30K-3L	30	2	500×400×120	
EFC 60K-3	60	5	400×300×124	
EFC 60K-3L	60	5	500×400×120	
EFC 100K-3	150	10	500×400×120	
EFC 100K-3L	150	10	600×500×140	
EFC 300K-2	300	20	600×500×140	

# Parcel scale EOE

Parcel scales with big platform for fast and easy weighing in the office, production, dispatch etc.



**B**

Weighing plate W×D×H 550×550×58 mm

- High mobility: Battery operation, compact, flat construction and low weight make this scale ideal for the use in several locations
- Wall mount for display device standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover over the display device included in the scope of supply

## STANDARD











## OPTION



## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Repeatability g	Linearity g	Option DAKKS Calibration Certificate
EOE 10K-3	15	5	5	10	
EOE 30K-2	35	10	10	20	

Model	Weighing capacity [Max] kg	Read- ability [d] g	Repeat- ability g	Linea- rity g	Option DAkkS Calibration Certificate
EOE 60K-2	60	20	20	40	
EOE 60K-2L	60	20	20	40	
EOE 100K-2	150	50	50	100	
EOE 150K50L	150	50	50	100	
EOE 150K50XL	150	50	50	100	
EOE 300K100	300	100	100	200	
EOE 300K100L	300	100	100	200	
EOE 300K100XL	300	100	100	200	

# Platform scale IFB

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Weighing plate W×D×H 500×400×130 mm

- Tough industry standard suitable for use in harsh applications
- Platform: Weighing plate stainless steel, painted steel base, protection against dust and water splashes IP65, silicone-coated aluminium load cell.
- Display device: Superior display size, digit height 52 mm for the easy reading of weighing results, even under poor lighting conditions, KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Weighing with tolerance range (checkweighing): Input of an upper/lower limit value. A visual and audible signal assists with portion division, dispensing or grading
- Totalising of weights and piece counts
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover included with delivery
- Watch the product film
- Watch the KCP information film

## STANDARD



1

only IFB  
600K-1M

## OPTION FACTORY

## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Min. piece weight (Normal) g/piece	Weighing plate W×D×H mm	Option Verification	Option DAKKS Calibration Certificate
IFB 3K-4	3	0,1			2	230×230×110	—	✓
IFB 6K-4S	6	0,2			2	230×230×110	—	✓
IFB 6K-4	6	0,2			2	300×240×110	—	✓
IFB 10K-4	15	0,5			5	300×240×110	—	✓
IFB 10K-4L	15	0,5			5	400×300×128	—	✓

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Min. piece weight (Normal) g/piece	Weighing plate W×D×H mm	Option Verification	Option DAkkS Calibration Certificate
IFB 30K-3	30	1			10	400×300×128	—	✓
IFB 60K-3	60	2			10	400×300×128	—	✓
IFB 60K-3L	60	2			20	500×400×130	—	✓
IFB 100K-3	150	5			50	500×400×130	—	✓
IFB 100K-3L	150	5			50	650×500×142	—	✓
IFB 300K-2	300	10			100	650×500×142	—	✓
IFB 600K-2	600	20			200	800×600×200	—	✓
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].								
IFB 6K-3SM	3   6	1   2	1   2	20   40	2	230×230×110	✓	✓
IFB 6K1DM	3   6	1   2	1   2	20   40	2	300×240×110	✓	✓
IFB 15K2DM	6   15	2   5	2   5	40   100	5	300×240×110	✓	✓
IFB 15K2DLM	6   15	2   5	2   5	40   100	5	400×300×128	✓	✓
IFB 30K5DM	15   30	5   10	5   10	100   200	10	400×300×128	✓	✓
IFB 60K10DM	30   60	10   20	10   20	200   400	10	400×300×128	✓	✓
IFB 60K10DLM	30   60	10   20	10   20	200   400	20	500×400×130	✓	✓
IFB 150K20DM	60   150	20   50	20   50	400   1000	50	500×400×130	✓	✓
IFB 150K20DLM	60   150	20   50	20   50	400   1000	50	650×500×142	✓	✓
IFB 300K50DM	150   300	50   100	50   100	1000   2000	100	650×500×142	✓	✓
IFB 600K-1M	300   600	100   200	100   200	2000   4000	200	800×600×200	✓	✓

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.



# IP protected platform scale IXS

Platform scale with stainless steel display device with IP68 rating, XL display and EC type approval [M] – now also as high resolution version with high-resolution display

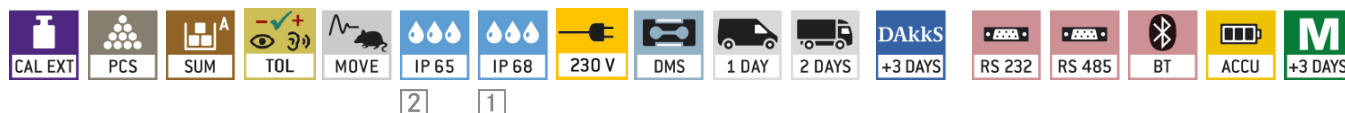


- Tough industry standard suitable for use in harsh applications
- Platform: weighing plate stainless steel, Painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65, substructure in wing design, extremely resistant to bending
- Display device: Stainless steel, protection against dust and water splashes IP68, for industrial applications, hygienic and easy to clean, with integrated power supply. Wall mount standard. Details: KERN KXS-TM
- **1** Flexible positioning of display device: e.g. free-standing or mounted to the wall
- Superior display size: digit height 55 mm. Bright backlight for easy reading of weighing results, even in poor lighting conditions
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale
- Thanks to the RS-232, RS-485 and Bluetooth (optional) interfaces, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Model SXS 100K-2LM, SXS 300K-2M: Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

Note: It is only possible to install one cable option. Either the RS-232 data interface KERN KXS-A04 or the KERN foot pedal KERN KXS-A03

- Watch the product film

## STANDARD



## OPTION FACTORY

## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate mm	Option Verification
IXS 6K-4	6	0,2			300×240	—
IXS 10K-4L	15	0,5			400×300	—

Model	Weighing capacity [Max] kg	Read-ability [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate mm	Option Verification
IXS 30K-3	30	1			400×300	—
IXS 30K-3L	30	1			500×400	—
IXS 60K-3	60	2			400×300	—
IXS 60K-3L	60	2			500×400	—
IXS 100K-3	150	5			500×400	—
IXS 100K-3L	150	5			650×500	—
IXS 300K-2	300	10			650×500	—
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].						
IXS 6K-3M	3   6	1   2	1   2	20   40	300×240	☑
IXS 10K-3M	6   15	2   5	2   5	40   100	300×240	☑
IXS 10K-3LM-2021a	6   15	2   5	2   5	40   100	400×300	☑
IXS 30K-2M	15   30	5   10	5   10	100   200	400×300	☑
IXS 30K-2LM	15   30	5   10	5   10	100   200	500×400	☑
IXS 60K-2M	30   60	10   20	10   20	200   400	400×300	☑
IXS 100K-2M	60   150	20   50	20   50	400   1000	500×400	☑
IXS 100K-2LM	60   150	20   50	20   50	400   1000	650×500	☑
IXS 300K-2M	150   300	50   100	50   100	1000   2000	650×500	☑

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.

# Drive-through scale NIB

Compact, robust drive-through scale - particularly mobile thanks to its carrying handle, rollers and lightweight construction



- Low platform height and integrated access ramps on both sides facilitate access.
- Weighing bridge: steel, powder coated, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- **2** Level indicator to level the balance precisely
- **3** The scale can be easily transported using rollers and a handle and does not require much storage space
- Wall mount for display device, standard
- Protective working cover included with delivery
- Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead

## Technical data

- Large LCDdisplay, digit height 25 mm
- Overall dimensions W×D×H mm
- Platform height in the drive-through area : 40 mm
- Dimensions weighing surface W×D 800×800 mm
- Cable length of display device approx. 5 m
- Optional battery operation, batteries not standard
- External mains adapter standard
- Permissible ambient temperature -10 °C/40 °C

STANDARD



OPTION

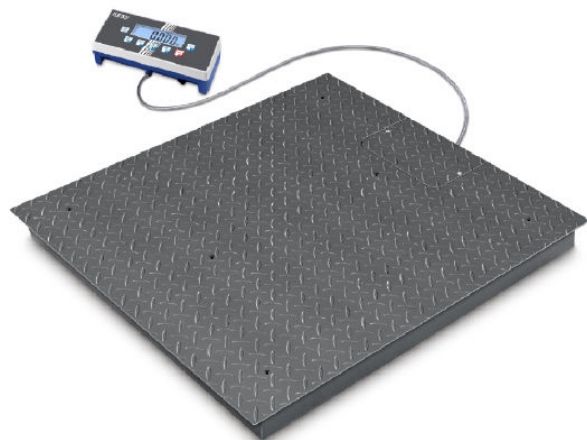


ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Option DAkkS Calibration Certificate
NIB 300K-1	300	100	
NIB 600K-2	600	200	

# Floor scale BID

Floor scale with EC type approval [M] and the best price-performance ratio - now also as a high-resolution dual-range balance



- NEW: now also available as a dual-range balance! Ideal, when high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two balances can be replaced with one - which saves space and money!
- BID 1T-4EM: Compact special sizes, specially for weighing European pallets
- Weighing bridge: out of anti-slip corrugated steel, 4 silicone-coated steel load cells, dust and spray protection IP67
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Display device: Details see KERN KEN-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- Thanks to the RS-232 and Bluetooth interfaces, the balance can easily be connected to existing networks. Data exchange between the balance and PC or printer is also made easier
- Dosage aid controlled through the display
- NEW: from now on the calibrated models can be operated with an optional data interface, such as Bluetooth, WiFi, LAN (optional alibi memory required). This enables convenient data transfer of weighing results in legal-for-trade applications
- Possible application scenarios for interfaces:
  - RS-232, included in the scope of delivery, e.g. for connecting a PC or printer
  - LAN, WiFi, Bluetooth, USB for PC, optional, e.g. for connecting a PC or peripheral device
  - USB for USB stick, optional, e.g. for exporting alibi data to a USB stick or hard disk
  - Digital I/O, including signal lamp, optional, e.g. for optical support during weighing with tolerance range, piece counting etc.
- Watch the KCP information film

- The legislator stipulates that a verified scale that transmits measured values to a PC, ERP/CRM system or similar by means of an interface must have an alibi memory (KIB-A13). A subsequent upgrade is not possible.

## STANDARD



## OPTION

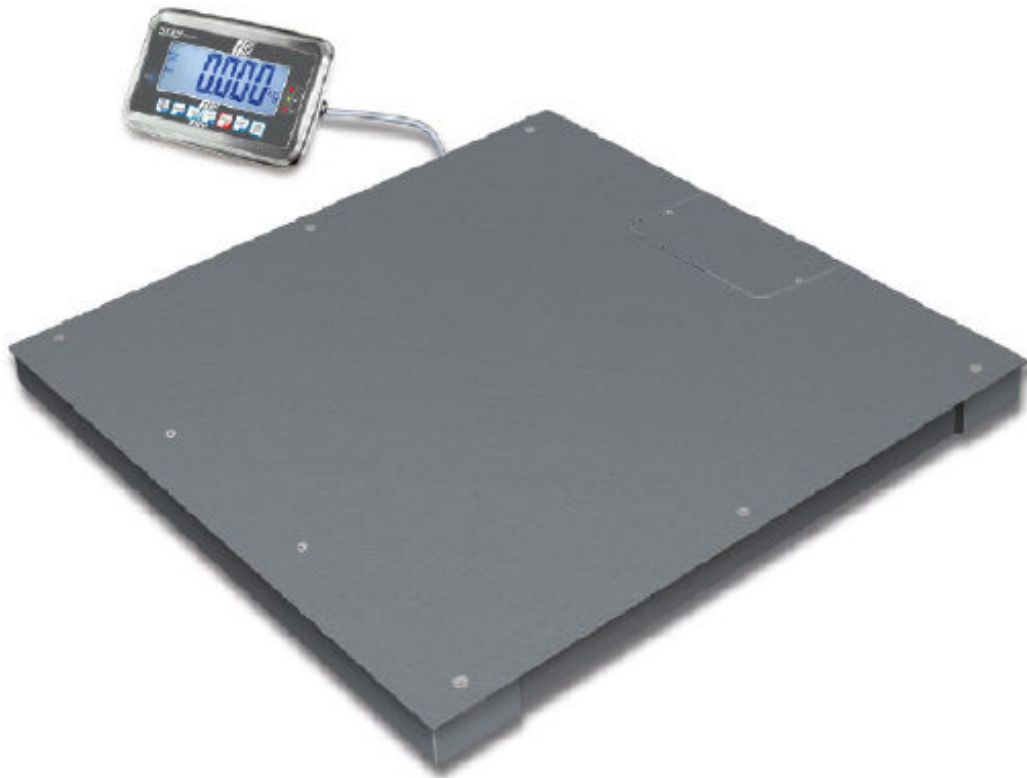
## FACTORY

## ALL MODELS

Model	Weighing range [Max] kg	Read-out [d] kg	Minimum load [Min] kg	Net weight approx. kg	Weighing plate mm	Option Verification	Option DAkkS Calibration Certificate
BID 600K-1DS	300   600	0,05   0,1		67	1000×1000×108	—	✓
BID 600K-1D	300   600	0,05   0,1		150	1200×1500×108	—	✓
BID 1T-4DS	600   1500	0,1   0,2		67	1000×1000×108	—	✓
BID 1T-4D	600   1500	0,1   0,2		150	1200×1500×108	—	✓
BID 3T-3D	1500   3000	0,2   0,5		150	1200×1500×108	—	✓
BID 3T-3DL	1500   3000	0,2   0,5		155	1500×1500×108	—	✓
BID 600K-1SM	600	0,2	4	67	1000×1000×108	✓	✓
BID 600K-1M	600	0,2	4	150	1200×1500×108	✓	✓
BID 1T-4SM	1500	0,5	10	67	1000×1000×108	✓	✓
BID 1T-4LM	1500	0,5	10	155	1500×1500×108	✓	✓
BID 1T-4M	1500	0,5	10	150	1200×1500×108	✓	✓
BID 1T-4EM	1500	0,5	10	82	1200×1000×108	✓	✓
BID 3T-3LM	3000	1	20	155	1500×1500×108	✓	✓
BID 3T-3M	3000	1	20	150	1200×1500×108	✓	✓
Dual-range balance switches automatically to the next largest weighing range [Max.] and readout [d].							
BID 600K-1DSM	300   600	0,1   0,2	2   4	67	1000×1000×108	✓	✓
BID 600K-1DM	300   600	0,1   0,2	2   4	150	1200×1500×108	✓	✓
BID 1T-4DSM	600   1500	0,2   0,5	4   10	67	1000×1000×108	✓	✓
BID 1T-4DM	600   1500	0,2   0,5	4   10	150	1200×1500×108	✓	✓
BID 3T-3DM	1500   3000	0,5   1	10   20	150	1200×1500×108	✓	✓
BID 3T-3DLM	1500   3000	0,5   1	10   20	155	1500×1500×108	✓	✓

# Floor scales BFA/BFA-N

Weighing bridge with screw-on weighing plate (IP67) and stainless steel display device (IP65), with EC type approval [M]



KERN BFA-N

- Tough industry standard suitable for use in harsh applications
- KERN BFA: Weighing plate screwed on from the top, so it is easy to remove, hygienic and easy to clean
- KERN BFA: Weighing bridge corrugated steel plate welded, 4 silicone-coated steel load cells, protection against dust and water splashes IP67
- KERN BFA-N: Weighing bridge steel, lacquered, 4 silicone-coated steel load cells, protection against dust and water splashes IP67
- Weighing bridge can also be delivered as components without the display device: KERN KFP-V20 IP67
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Display device: Stainless steel, protection against dust and water splashes IP65
- Benchtop stand incl. wall mount for display device as standard
- Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame
- Limited tare range with verifiable models (1/6 from [Max])
- Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs
- Our large, heavy KERN floor scales are sent in a sturdy wooden crate, to ensure safe transportation and protection of the measuring equipment

## STANDARD



Display device    Weighing bridge

## OPTION FACTORY

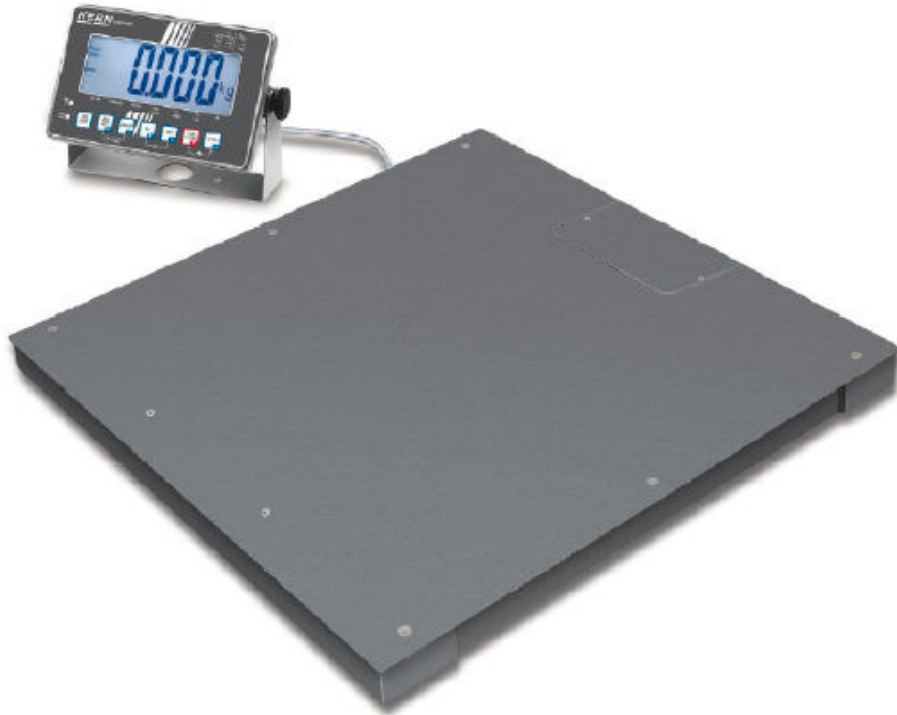
## ALL MODELS

Model	Weighing capacity [Max] kg	Read-ability [d] kg	Minimum load [Min] kg	Weighing plate W×D×H mm	Option Verification	Option DAkkS Calibration Certificate
BFA 600K-1SNM	600	0,2	4	1000×1000×85	✓	✓
BFA 600K-1NM-2017e	600	0,2	4	1500×1250×85	✓	✓
BFA 600K-1NM	600	0,2	4	1500×1250×85	—	✓
BFA 1T-4SNM	1500	0,5	10	1000×1000×95	✓	✓
BFA 6T-3M	6000	2	40	1500×1500×130	✓	✓

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.

# Floor scale BXS

Weighing bridge with screw-on weighing plate (IP67) and stainless steel display device (IP68), with EC type approval [M]



- Tough industry standard suitable for use in harsh applications
- Weighing plate screwed on from the top, so it easy to remove, hygienic and easy to clean
- **2** Weighing bridge: steel, lacquered, extremely resistant to bending due to material thickness. protection against dust and water splashes IP67, 4 silicone-coated steel load cells. Weighing bridge can also be delivered as components without the display device, KXP V20 IP67
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Display device: stainless steel, protection against dust and water splashes IP68, for industrial applications, hygienic and easy to clean, with integrated power supply. The display device can also be delivered as a component without the weighing bridge, KXS-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- Thanks to the RS-232, RS-485 and Bluetooth (optional) interfaces, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer

Note: For verified models the weighing bridge must be fixed to the floor. Optionally by two ascending ramps or two pairs of base plates or by a combination of these two options.

Note: It is only possible to install one cable option. Either the RS-232 data interface KERN KXS-A04 or the KERN foot pedal KERN KXS-A03

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

Our large, heavy KERN floor scales are sent in a sturdy wooden crate, to ensure safe transportation and protection of the measuring equipment

## STANDARD

## OPTION FACTORY





## ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Verific. value [e] g	Minimum load [Min] g	Option Verification	Option DAkkS Calibration Certificate
BXS 600K-1SM	600	200	200	4000	☑	☑
BXS 600K-1M	600	200	200	4000	☑	☑
BXS 600K-1M-2018e	600	200	200	4000	☑	☑
BXS 1.5T-4SM	1500	500	500	10000	☑	☑
BXS 1.5T-4M	1500	500	500	10000	☑	☑
BXS 3T-3M	3000	1000	1000	20000	☑	☑

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.

# Weighing beams UFA

Highly versatile weighing beams (IP67) for large loads to 6 t



KERN UFA

- Flexible solution for weighing large, bulky or long items
- High mobility: thanks to battery operation (optional) and compact, flat construction, it is suitable for use in several locations
- **1** Weighing beams: steel, lacquered, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67. Weighing beams can also be delivered as components without the display device: KERN KFA
- Sturdy handles for transporting the weighing beams
- **2** UFA-L: Each weighing beam has a roller for easy transport of the scale
- Display device: Details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- **3** UFA-S: model with short weighing beams, ideal for weighing compact items or animals in transport boxes
- **4** **[J]** Protective working cover included with delivery

Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead







- !** Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs
- Watch the KCP information film

## STANDARD

## OPTION FACTORY



ALL MODELS

Model	Weighing capacity [Max] kg	Readability [d] g	Weighing beams W×D×H mm	Option DAkkS Calibration Certificate
UFA 600K-1S	600	200	800×120×84	
UFA 1.5T0.5	1500	500	1270×170×85	
UFA 3T1	3000	1000	1270×170×85	
UFA 3T-3L	3000	1000	2000×120×90	
UFA 6T-3	6000	2000	1200×160×115	
UFA 6T-3L	6000	2000	1200×160×115	

# Pallet scale UFC

Pallet scale with steel load support (IP67) and stainless steel display device (IP65), with EC type approval [M]



- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **1** Load support: steel, powder coated, 4 silicone-coated steel load cells, protection against dust and water splashes IP67. Also available as component without the display device, KERN KFU-V20
- Two wheels for easy transportation of the scale
- **2** Display device: KERN KFN-TM
- Weighing with tolerance range (checkweighing): A visual and audible signal assists with portion division, dispensing or grading or the rapid checking of items on palettes
- Totalising of weights and piece counts
- **3** Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead

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

## STANDARD




## OPTION FACTORY



**2**

**1**

ALL MODELS

Model	Weighing range [Max] kg	Readout [d] g	Verific. value [e] g	Minimum load [Min] kg	Option Verification	Option DAkkS Calibration Certificate
UFC 600K-1M	600	200	200	4		
UFC 1T-1M	1500	500	500	10	—	

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.

# Crane scale HFD

Robust, high-resolution crane scale up to 12 t



- The models with M add-on have EC type approval and because of this they are ideal for use in verified applications such as, for example, calculation of a total price, based on weight
- Will support you when weighing freight in a SOLAS compliant manner
- **1** With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments) and EN 61010-1 (Electrical safety)
- **2** Radio remote control standard. Radio range up to 20 m. All functions can be selected. Batteries included
- **3** The models with IP67 add-on have special spray and dust protection to IP67 and because of this they are ideal for use in harsh environments
- Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically "frozen" until the HOLD key is pressed
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed
- Solid shackles, non-revolving
- Watch the product film

## Technical data

- Superior display size: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- **4** Rechargeable battery pack internal, standard, operating time up to 70 h without backlight. Battery pack accessible from the outside, which means it is easy to replace
- Precision: 0.2 % from [Max]
- Permissible ambient temperature -10 °C/40 °C

## STANDARD



HFD-IP

## OPTION FACTORY



HFD 6T-3M

HFD-M

## ALL MODELS

Model	Weighing range [Max] kg	Readout [d] g	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Option DAkkS Calibration Certificate
Triple-range balance (T=Triple) switches automatically to the next largest weighing range [Max.] and readout [d].										
HFD 600K-1	150   300   600	50   100   200	194	129	160	422	384	50,8	50,8	✓
HFD 1T-4	300   600   1500	100   200   500	194	129	160	422	384	50,8	50,8	✓
HFD 3T-3	600   1500   3000	200   500   1000	194	129	160	457	413	58	58	✓
HFD 6T-3	1500   3000   6000	500   1000   2000	194	129	160	518	467	68,3	68,3	✓
HFD 10T-3	3000   6000   12000	1000   2000   5000	194	129	160	584	521	82,5	82,5	✓
Protection against dust and water splashes IP67										
HFD 600K-1IP	150   300   600	50   100   200	194	129	160	422	384	50,8	50,8	✓
HFD 1T-4IP	300   600   1500	100   200   500	194	129	160	422	384	50,8	50,8	✓
HFD 3T-3IP	600   1500   3000	200   500   1000	194	129	160	457	413	58	58	✓
HFD 6T-3IP	1500   3000   6000	500   1000   2000	194	129	160	518	467	68,3	68,3	✓
HFD 10T-3IP	3000   6000   12000	1000   2000   5000	194	129	160	584	521	82,5	82,5	✓
HFD 600K-1M	600	200	194	129	160	422	384	50,8	50,8	✓
HFD 1T-4M	1500	500	194	129	160	422	384	50,8	50,8	✓
HFD 3T-3M	3000	1000	194	129	160	457	413	58	58	✓
HFD 6T-3M	6000	2000	194	129	160	518	467	68,3	68,3	✓
HFD 10T-3M	12000	5000	194	129	160	584	521	82,5	82,5	✓

**По вопросам продаж и поддержки обращайтесь:**

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