Price computing scales

Price computing scales are used wherever the price of goods is calculated dependent on the weight of the goods. These scales are subject to obligatory verification (▸ *Verification*) in accordance with European Directive 2014/31/EU. Usually, these are verification class ⓂⒾ scales

KERN mobile retail scales are compact in size and therefore save space on the sales counter. Thanks to the simple menu structure they are easy to use – saving time and money. Fitted with mains or rechargeable batteries as standard, price computing scales can be used in retail shops as well as on mobile sales stalls.

All price computing scales from KERN have three displays showing you all important information at a glance:
· Weight display in kg (verifiable)
· Unit price in €/kg or €/100 g
· Total price in €

NOTE: The KERN RFE range also displays the TARE or PRE-TARE value, which enables this value to be stored in a legally binding way in accordance with the Weights and Measures Act.

Even the KERN entry level retail scales have direct access keys for memories (▸ **PLU**), The sales item with the relevant price can be stored against these PLU. In this way, frequently used sales items can called up at lightning speed. This accelerates customer service and reduces waiting times.

▸ *See the glossary on page 223–225*

Quick-Finder Price computing scales

Readability [d] g	Weighing capacity [Max] kg	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL EXT	RS 232	MEMORY	ACCU
						For an explanation on the pictos, see front flap				
1 | 2	3 | 6	RIB 6K-3M	200,-	74	1	○	●		●	○
1 | 2	3 | 6	RIB 6K-3HM	225,-	74	1	○	●		●	○
1 | 2	3 | 6	RPB 6K1DM	205,-	75	1	○	●	●	●	○
1 | 2	3 | 6	RPB 6K1DHM	220,-	75	1	○	●	●	●	○
2 | 5	6 | 15	RIB 10K-3M	200,-	74	1	○	●		●	○
2 | 5	6 | 15	RIB 10K-3HM	225,-	74	1	○	●		●	○
2 | 5	6 | 15	RPB 15K2DM	205,-	75	1	○	●	●	●	○
2 | 5	6 | 15	RPB 15K2DHM	220,-	75	1	○	●	●	●	○
5 | 10	15 | 30	RIB 30K-2M	200,-	74	1	○	●		●	○
5 | 10	15 | 30	RIB 30K-2HM	225,-	74	1	○	●		●	○
5 | 10	15 | 30	RPB 30K5DM	205,-	75	1	○	●	●	●	○
5 | 10	15 | 30	RPB 30K5DHM	220,-	75	1	○	●	●	●	○

● = standard ○ = option

from €
200,-

KERN RIB
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○ Intuitive operation

○ Little space requirements

○ Mains operation and rechargeable battery pack possible

○ Second display which can be fitted on the back of the balance

Price computing scale KERN RIB

Robust retail scale with large item memory, user-friendly handling and EC type approval [M]

Features

- 1 KERN RIB-HM: Elevated display backlit, height of stand approx. 530 mm, must be ordered at purchase
- 2 KERN RIB-M: Second display on the rear of the balance
- Three displays for weight display (verifiable), unit price, total price
- Soil-resistant construction through water channels at the frame of the housing and sealing rings over the upper housing inlets
- 10 Direct price keys for frequently recurring article prices
- Memory (PLU) for 20 article prices
- Energy management: Backlight turns off after 5 s, can be switched off
- Protective working cover included with delivery

Technical data

- Large backlit LCD displays, digit height 18 mm
- Dimensions weighing surface, stainless steel, W×D 294×225 mm
- Overall dimensions W×D×H
  KERN RIB-M: 325×400×115 mm
  KERN RIB-HM: 325×340×405 mm
- Net weight
  KERN RIB-M: approx. 3,2 kg
  KERN RIB-HM: approx. 3,8 kg
- Permissible ambient temperature
  -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN RIB-A01S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 80 h without backlight, charging time approx. 14 h, KERN GAB-A04, **€ 40,-**
- 3 Tare pan made of stainless steel, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

Application examples

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

Note: Official verification duty for commercial trade

STANDARD					OPTION		FACTORY
CAL EXT	MEMORY	UNIT	DMS	230 V · 1 DAY	ACCU	DAkkS +3 DAYS	M Ⅲ +3 DAYS

Model	Weighing capacity	Readability	Verification value	Minimal load	Price excl. of VAT ex works	Option			
						Verification		DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	[e] g	[Min] g	€	M Ⅲ KERN	€	DAkkS KERN	€
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [d]									
RIB 6K-3M	3 | 6	1 | 2	1 | 2	20 | 40	**200,-** ⏻	965-228	70,-	963-128	94,-
RIB 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	**200,-** ⏻	965-228	70,-	963-128	94,-
RIB 30K-2M	15 | 30	5 | 10	5 | 10	100 | 200	**200,-** ⏻	965-228	70,-	963-128	94,-
with elevated display									
RIB 6K-3HM	3 | 6	1 | 2	1 | 2	20 | 40	**225,-** ⏻	965-228	70,-	963-128	94,-
RIB 10K-3HM	6 | 15	2 | 5	2 | 5	40 | 100	**225,-** ⏻	965-228	70,-	963-128	94,-
RIB 30K-2HM	15 | 30	5 | 10	5 | 10	100 | 200	**225,-** ⏻	965-228	70,-	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.									

⏻ Price reduction

Price computing scale KERN RPB

Retail scale with memories for item prices
– now in new compact housing

Features

- **NEW:** modern, ergonomic design and a housing which is even more compact, supporting efficient operation and saving space
- ▪1▪ KERN RPB-HM: Elevated display backlit, revolving on column, height of stand approx. 480 mm, must be ordered at purchase
- ▪2▪ KERN RPB-M: Second display on the rear of the balance
- Three displays for weight display (verifiable), unit price, total price
- Memory (PLU) for 10 article prices
- 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
- ▪3▪ High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Protective working cover included with delivery

Technical data

- Large backlit LCD displays, digit height 15 mm
- Dimensions weighing surface, stainless steel, W×D 204×263 mm
- Overall dimensions W×D×H
  RPB-M: 263×313×108 mm
  RPB-HM: 263×313×480 mm
- Net weight
  KERN RPB-M: approx. 2,8 kg
  KERN RPB-HM: approx. 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN RFC-A02S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N, **€ 35,-**
- ▪4▪ Tare pan made of stainless steel, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

Application examples

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

Note: Official verification duty for commercial trade

STANDARD — CAL EXT | MEMORY | RS 232 | RECIPE | UNIT | MULTI | DMS | 1 DAY

OPTION — ACCU | DAkkS +3 DAYS

FACTORY — M +3 DAYS

Model	Weighing capacity	Readability	Verification value	Minimal load	Price excl. of VAT ex works	Option			
						Verification		DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	[e] g	[Min] g	€	M Ⅲ KERN	€	DAkkS KERN	€
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [d]									
RPB 6K1DM	3 | 6	1 | 2	1 | 2	20	**205,-**	965-228	70,-	963-128	94,-
RPB 15K2DM	6 | 15	2 | 5	2 | 5	40	**205,-**	965-228	70,-	963-128	94,-
RPB 30K5DM	15 | 30	5 | 10	5 | 10	100	**205,-**	965-228	70,-	963-128	94,-
with elevated display									
RPB 6K1DHM	3 | 6	1 | 2	1 | 2	20	**220,-**	965-228	70,-	963-128	94,-
RPB 15K2DHM	6 | 15	2 | 5	2 | 5	40	**220,-**	965-228	70,-	963-128	94,-
RPB 30K5DHM	15 | 30	5 | 10	5 | 10	100	**220,-**	965-228	70,-	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.									

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Helpful product videos
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Step-by-step user guidance in many languages

Constantly updated with new, interesting products and features

Self-explanatory and intuitive without complicated operating instructions

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Interesting facts about counting

Smallest part weight for piece counting
This is the smallest piece weight the scale will accept for piece counting and will display it piece by piece. In practice, depending on the required accuracy, we recommend to choose a counting scale with a minimum piece weight smaller than the weight of the item to be counted. To make it easier for you to select the right model, we specify the smallest part weight when counting under laboratory conditions and normal conditions, see the website.

▸ *Counting resolution*
Describes the maximum quantity which can be counted with a counting accuracy of 1 %, with a minimum variation of item weights and a sufficiently large ▸ *reference quantity* (20 pieces with counting resolution ≤ 60,000 points, 50 pieces from 60,000–150,000 points, 100 pieces ≥ 150,000 points). This therefore is an indication of the quality of the counting scale.

Recommended ▸ *reference quantity*
Weight tolerances of pieces to be counted are the most significant sources of error when counting. Therefore, at the start of every counting procedure, establish an average weight, the so-called ▸ *reference weight,* by placing several pieces on the balance, the so-called reference quantity. Usually this would be:

5	pieces	>>	often sufficient
10	pieces	>>	common practise
20–100	pieces	>>	for large deviations among piece weights

The "automatic ▸ *reference optimisation"* function increases the reference quantity gradually, whereby the average piece weight is optimised step by step. This contributes considerably to the accuracy of the subsequent counting processes.

Which counting scale for which application?

Simple counting scale
with self-explanatory user guidance on the keyboard. The graphic control panel enables you to start working immediately, without having to consult the user manual. Easy handling, value for money.

Professional counting scale
with 3 separate displays for reference weight (average weight of the pieces), total weight of all pieces and total quantity of all pieces. Very useful integrated memories, e.g. for container weight, item number, reference weight as well as audible and visual counting aids and an alphanumeric key pad for easy data entry.

Special tip for counting large quantities:
Counting systems
The weighing capacities of bench counting scales are often not sufficient to count large quantities, units, palletized items, etc. Here high-performance counting systems come into operation, as these combine a high-precision reference scale with a high-capacity bulk scale.

▸ *See the glossary on page 223–225*

KERN CIB
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- Robust counting scale
- Large article memory
- Special checkweighing display
- Three displays for weight indication, reference weight, total quantity

only €
240,-

Quick-Finder Counting scales/Counting systems

Readability [d] g	Weighing capacity [Max] kg	Counting resolution Points	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL EXT	MEMORY	RS 232	DUAL	ACCU
0,001	0,3	60.000	CFS 300-3	365,-	83	1		●	●	●	●	○
0,001	0,36	360.000	CKE 360-3	290,-	84	1		●		●		○
0,001	6	1.200.000	CCS 6K-6	630,-	88	2		●	●	●	●	○
0,001	15	300.000	CCS 10K-6	660,-	88	2		●	●	●	●	○
0,01	2	200.000	CKE 2000-2	330,-	84	1		●		●		○
0,01	3	60.000	CFS 3K-5	310,-	83	1		●	●	●	●	○
0,01	3,6	360.000	CKE 3600-2	350,-	84	1		●		●		○
0,01	3 | 6	6.000.000	CCA 6K-5M	890,-	87	2	○	●	●	●		○
0,01	6 | 15	15.000.000	CCA 10K-5M	890,-	87	2	○	●	●	●		○
0,01	30	600.000	CCS 30K0.01.	540,-	88	2		●	●	●	●	○
0,01	15 | 30	30.000.000	CCA 30K-5M	960,-	87	2	○	●	●	●		○
0,01	30 | 60	60.000.000	CCA 60K-5M	960,-	87	2	○	●	●	●		○
0,01	60	1.200.000	CCS 60K0.01.	540,-	88	2		●	●	●		○
0,01	60	1.200.000	CCS 60K0.01L.	620,-	88	2		●	●	●		○
0,01	60 | 150	150.000.000	CCA 100K-5M	1070,-	87	2	○	●	●	●		○
0,01	150	3.000.000	CCS 150K0.1L	820,-	88	2		●	●	●	●	○
0,01	150	3.000.000	CCS 150K0.01	650,-	88	2		●	●	●	●	○
0,01	150 | 300	300.000.000	CCA 300K-5M	1250,-	87	2*	○	●	●	●		○
0,01	300	6.000.000	CCS 300K0.01	860,-	88	2*		●	●	●		○
0,01	600	12.000.000	CCS 600K-2U	1490,-	88	4*		●	●	●		○
0,01	600	12.000.000	CCS 600K-2L	1950,-	88	4*		●	●	●		○
0,02	4	200.000	CDS 4K0.02	560,-	86	1		●		●		○
0,02	6	300.000	CKE 6K0.02	490,-	84	1		●		●		○
0,05	8	160.000	CKE 8K0.05	470,-	84	1		●		●		○
0,05	15	300.000	CDS 15K0.05	490,-	86	1		●		●		○
0,05	16	320.000	CKE 16K0.05	570,-	84	1		●		●		○
0,1	6	60.000	CPB 6K0.1N	225,-	82	1		●		●		○
0,1	6	60.000	CFS 6K0.1	270,-	83	1		●	●	●	●	○
0,1	16	160.000	CKE 16K0.1	460,-	84	1		●		●		○
0,1	16	160.000	CDS 16K0.1	470,-	86	1		●		●		○
0,1	30	300.000	CCS 30K0.1.	490,-	88	2		●	●	●	●	○
0,1	30	300.000	CDS 30K0.1	560,-	86	1		●		●		○
0,1	30	300.000	CDS 30K0.1L	720,-	86	1		●		●		○
0,1	36	360.000	CKE 36K0.1	520,-	84	1		●		●		○
0,1	60	600.000	CCS 60K0.1.	495,-	88	2		●	●	●	●	○
0,1	60	600.000	CCS 60K0.1L.	570,-	88	2		●	●	●	●	○
0,1	150	1.500.000	CCS 150K0.1.	540,-	88	2		●	●	●	●	○
0,1	150	3.000.000	CCS 150K0.01L	860,-	88	2		●	●	●	●	○
0,1	300	3.000.000	CCS 300K0.1	790,-	88	2		●	●	●	●	○
0,1	300 | 600	6.000.000	CCS 600K-1S	1400,-	88	4*		●	●	●	●	○
0,1	300 | 600	6.000.000	CCS 600K-1	1650,-	88	4*		●	●	●	●	○
0,1	600 | 1500	15.000.000	CCS 1T-4S	1400,-	88	4*		●	●	●	●	○
0,1	600 | 1500	15.000.000	CCS 1T-4	1650,-	88	4*		●	●	●	●	○
0,1	1500	15.000.000	CCS 1T-1U	1430,-	88	4*		●	●	●	●	○
0,1	1500	15.000.000	CCS 1T-1L	1880,-	88	4*		●	●	●	●	○
0,1	1500 | 3000	30.000.000	CCS 3T-3	1650,-	88	4*		●	●	●	●	○
0,1	1500 | 3000	30.000.000	CCS 3T-3L	1850,-	88	4*		●	●	●	●	○
0,1 | 0,2	3 | 6	60.000	IFS 6K-4S	390,-	85	1		●	●	●		○
0,1 | 0,2	6 | 15	75.000	IFS 10K-4	405,-	85	1		●	●	●		○
0,2	3	30.000	CIB 3K-4	240,-	80	1		●				
0,2	3	30.000	CXB 3K0.2	230,-	81	1		●				●
0,2	15	60.000	CPB 15K0.2N	225,-	82	1		●		●		○
0,2	15	75.000	CFS 15K0.2	270,-	83	1		●	●	●	●	○
0,2	36	180.000	CDS 36K0.2L	710,-	86	1		●		●		○
0,2	60	300.000	CDS 60K0.2	720,-	86	1		●		●		○
0,2	65	325.000	CKE 65K0.2	520,-	84	1		●		●		○
0,2 | 0,5	12 | 30	60.000	IFS 30K0.2DL	450,-	85	1		●	●	●		○
0,5	6	30.000	CIB 6K-4	240,-	80	1		●				
0,5	6	30.000	CXB 6K0.5	230,-	81	1		●				●
0,5	30	60.000	CPB 30K0.5N	225,-	82	1		●		●		○
0,5	30	60.000	CFS 30K0.5	270,-	83	1		●	●	●	●	○
0,5	65	130.000	CKE 65K0.5	480,-	84	1		●		●		○
0,5 | 1	30 | 60	60.000	IFS 60K0.5D	450,-	85	1		●	●	●		○
0,5 | 1	30 | 60	60.000	IFS 60K0.5DL	550,-	85	1		●	●	●		○
1	3	30.000	CXB 3K1NM	245,-	81	1	○	●				●
1	15	30.000	CXB 15K1	230,-	81	1		●				●
1	50	50.000	CFS 50K-3	295,-	83	1		●	●	●	●	○
1 | 2	3 | 6	60.000	IFS 6K-3SM	350,-	85	1	○	●	●	●		○
1 | 2	3 | 6	60.000	IFS 6K-3M	410,-	85	1	○	●	●	●		○
1 | 2	3 | 6	60.000	CPB 6K1DM	225,-	82	1	○	●		●		○
1 | 2	75 | 150	60.000	IFS 100K-3	630,-	85	1		●	●	●		○

☐ News 2021   * Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs   ● = standard   ○ = option

09

Quick-Finder Counting scales/Counting systems

Readability [d] g	Weighing capacity [Max] kg	Counting resolution Points	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL EXT	MEMORY	RS 232	DUAL	ACCU
								For an explanation on the pictos, see front flap				
1 | 2	75 | 150	60.000	IFS 100K-3L	790,-	85	1		●	●	●		○
2	6	30.000	CXB 6K2NM	245,-	81	1	○	●				●
2	30	30.000	CIB 30K-3	240,-	80	1		●				
2	30	30.000	CXB 30K2	230,-	81	1		●				●
2 | 5	6 | 15	60.000	CPB 15K2DM	225,-	82	1	○	●		●		○
2 | 5	6 | 15	75.000	IFS 10K-3M	410,-	85	1	○	●	●	●		○
2 | 5	6 | 15	75.000	IFS 10K-3LM	460,-	85	1	○	●	●	●		○
2 | 5	6 | 15	75.000	IFS 300K-3	790,-	85	1		●	●	●		○
5	15	30.000	CIB 10K-3	240,-	80	1		●				
5	15	30.000	CXB 15K5NM	245,-	81	1	○	●				●
10	30	30.000	CXB 30K10NM	245,-	81	1	○	●				●
50	15 | 30	60.000	CPB 30K5DM	225,-	82	1	○	●		●		○
50	15 | 30	60.000	IFS 30K-3M	460,-	85	1	○	●	●	●		○
50	150	1.500.000	IFS 300K-2M	720,-	85	1	○	●	●	●	●	○
10 | 20	30 | 60	60.000	IFS 60K-2M	460,-	85	1	○	●	●	●		○
10 | 20	30 | 60	60.000	IFS 60K-2LM	550,-	85	1	○	●	●	●	●	○
20 | 50	60 | 150	60.000	IFS 100K-2M	550,-	85	1	○	●	●	●	●	○
20 | 50	60 | 150	60.000	IFS 100K-2LM	720,-	85	1	○	●	●	●	●	○

☐ News 2021   * Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs   ● = standard   ○ = option

Counting scale KERN CIB

NEW

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

Features

- Innovative counting with tolerance range (Checkweighing):
  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 weight display, reference weight, total pieces
- 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 direct price 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 balances in one: Changes 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 mm
- Dimensions weighing surface, Stainless Steel, W×D 350×215 mm Overall dimensions W×D×H, 350×330×120 mm
- Net weight approx. 4,0 kg
- Permissible ambient temperature, Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN RIB-A01S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 160 h without backlight, charging time approx. 14 h, KERN GAB-A04, **€ 40,-**

STANDARD | OPTION

| CAL EXT | PCS | SUM | TOL | ACCU | MULTI | DMS | 1 DAY | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Smallest part weight	Counting resolution	Price excl. of VAT ex works	Option DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	[Normal] g/piece	Points	€	DAkkS KERN	€
CIB 3K-4	3	0,2	1	30.000	**240,-**	963-127	78,-
CIB 6K-4	6	0,5	2	30.000	**240,-**	963-128	94,-
CIB 10K-3	15	1	5	30.000	**240,-**	963-128	94,-
CIB 30K-3	30	2	10	30.000	**240,-**	963-128	94,-

Counting scale KERN CXB · CXB-NM

Entry level model into professional counting, also with EC type approval [M], counting resolution of 30,000 points

Features

• 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
• Three displays for weight display, reference weight, total pieces
• Audible Fill-to-target: target quantity or target weight can be programmed, e. g. for checkweighing. When the target value is reached, a signal will sound
• 10 memories for reference weights
• Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces
• Energy management: Backlight turns off after 5 sec

• PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
• Two balances in one: Changes from counting mode to weighing mode at the touch of a key
• Protective working cover included with delivery
• Internal rechargeable battery pack included with the delievery

Technical data

• Large backlit LCD displays, digit height 18 mm
• Dimensions weighing surface, Stainless Steel, W×D 300×225 mm
• Dimensions housing W×D×H, 300×330×110 mm
• Internal rechargeable battery pack, operating time up to 200 h without backlight, charging time approx. 8 h
• Net weight approx. 4,0 kg
• Permissible ambient temperature -10 °C/40 °C

Accessories

• Protective working cover, scope of delivery: 5 items, KERN CXB-A01S05, **€ 40,-**
• Internal rechargable battery pack, operating time up to 200 h without backlight, charging time approx. 8 h, KERN GAB-A04, **€ 40,-**

STANDARD

| CAL EXT | PCS | SUM | ACCU | 230 V | DMS | 1 DAY |

OPTION

| DAkkS +3 DAYS |

FACTORY

| M +3 DAYS CXB-NM |

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Net weight approx. kg	Price excl. of VAT ex works €	Option Verification M(III) KERN	€	DAkkS Calibr. Certificate DAkkS KERN	€
CXB 3K0.2	3	0,2	-	-	1	30.000	4,0	**230,-**	-	-	963-127	78,-
CXB 6K0.5	6	0,5	-	-	2	30.000	4,0	**230,-**	-	-	963-128	94,-
CXB 15K1	15	1	-	-	5	30.000	4,0	**230,-**	-	-	963-128	94,-
CXB 30K2	30	2	-	-	10	30.000	4,2	**230,-**	-	-	963-128	94,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.												
CXB 3K1NM	3	1	1	20	1	30.000	4,0	**245,-**	965-227	55,-	963-127	78,-
CXB 6K2NM	6	2	2	40	2	30.000	4,2	**245,-**	965-228	70,-	963-128	94,-
CXB 15K5NM	15	5	5	100	5	30.000	4,0	**245,-**	965-228	70,-	963-128	94,-
CXB 30K10NM	30	10	10	200	10	30.000	4,2	**245,-**	965-228	70,-	963-128	94,-

09

Counting scale KERN CPB

Note: Official verification duty for commercial trade

Professional model, also with EC type approval [M], counting resolution up to 60,000 points

Features

- 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
- Three displays for weight display, reference weight, total pieces
- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces
- Fill-to-target function: Target count or target weight can be programmed. When the target weight is reached there is an audible and visual signal
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Two balances in one: Changes from counting mode to weighing mode at the touch of a key
- Protective working cover included with delivery

Technical data

- Large backlit LCD displays, digit height 20 mm
- Dimensions weighing surface, Stainless Steel, W×D 295×225 mm Overall dimensions W×D×H 315×350×105 mm
- Net weight approx. 3,2 kg
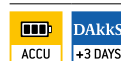- Permissible ambient temperature 0 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN CFS-A02S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 90 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- 1 Signal lamp for visual support of weighing with tolerance range, only in combination with, KERN CFS-A03, **€ 250,-**
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 35,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD | OPTION | FACTORY

CAL EXT | RS 232 | KCP PROTOCOL | PCS | SUM A | TOL | MULTI A | DMS | 1 DAY | ACCU | DAkkS +3 DAYS | M +3 DAYS CPB-DM

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Price excl. of VAT ex works €	Option			
								Verification		**DAkkS Calibr. Certificate**	
								M KERN	€	DAkkS KERN	€
CPB 6K0.1N	6	0,1	–	–	1	60.000	**225,-**	–	–	963-128	94,-
CPB 15K0.2N	15	0,2	–	–	2,5	60.000	**225,-**	–	–	963-128	94,-
CPB 30K0.5N	30	0,5	–	–	5	60.000	**225,-**	–	–	963-128	94,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [d]											
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.											
CPB 6K1DM	3 | 6	1 | 2	1 | 2	20	1	60.000	**225,-**	965-228	70,-	963-128	94,-
CPB 15K2DM	6 | 15	2 | 5	2 | 5	40	2,5	60.000	**225,-**	965-228	70,-	963-128	94,-
CPB 30K5DM	15 | 30	5 | 10	5 | 10	100	5	60.000	**225,-**	965-228	70,-	963-128	94,-

09

Counting scale KERN CFS

Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution up to 75,000 points

Features

- Memory (PLU) for 100 items with additional text, reference weight and tare weight, e.g. of a container
- 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
- Three displays for weight display, reference weight, total pieces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Fill-to-target function Programmable target quantity or target weight. A signal will be displayed when the target value is reached
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels

- Second balance interface to construct a high-resolution counting system, standard, e.g. with weighing bridges of KERN KFP V20
- Draught shield standard for models with weighing plate size A, weighing space W×D×H 158×143×64 mm
- Protective working cover included with delivery, for models with weighing plate size A, B

Technical data

- Large backlit LCD displays, digit height 20 mm
- Dimensions weighing surface
  A Ø 80 mm
  B W×D 295×225 mm
  C W×D 370×240 mm
- Overall dimensions W×D×H
  A 315×350×180 mm (incl. draught shield)
  B 315×350×180 mm
  C 375×350×130 mm
- Permissible ambient temperature 0 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, for models with weighing plate size A, B, KERN CFS-A02S05, € 40,-
- Internal rechargeable battery pack, operating time up to 70 h without backlight, charging time approx. 14 h, KERN GAB-A04, € 40,-
- Signal lamp for visual support of weighing with tolerance range, only in combination with, KERN CFS-A03, € 250,-
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, € 35,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

09

STANDARD

| CAL EXT | MEMORY | RS 232 | KCP PROTOCOL | DUAL | SUM | TOL | MULTI | DMS | 1 DAY |

OPTION

| ACCU | DAkkS +3 DAYS |

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DAkkS KERN	€
CFS 300-3	0,3	0,001	0,05	60.000	2,6	A	365,-	963-127	78,-
CFS 3K-5	3	0,01	0,5	60.000	3,4	B	310,-	963-127	78,-
CFS 6K0.1	6	0,1	1	60.000	3,2	B	270,-	963-128	94,-
CFS 15K0.2	15	0,2	2	75.000	3,4	B	270,-	963-128	94,-
CFS 30K0.5	30	0,5	5	60.000	3,4	B	270,-	963-128	94,-
CFS 50K-3	50	1	10	50.000	4,4	C	295,-	963-128	94,-

Counting scale KERN CKE

[1] [2] [3] [4]

Easy to use, self-explanatory counting scale with laboratory accuracy, counting resolution up to 360,000 points

Features

- 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
- 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] Place the reference quantity for the goods to be counted into the container (5, 10 or 20 pieces)
  [3] Confirm the selected reference quantity by pressing the key (5, 10 or 20)
  [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

- Two balances in one: Changes from counting mode to weighing mode at the touch of a key
- Draught shield standard for models with weighing plate size ⌀ 81 mm, weighing space ⌀ 90×40 mm
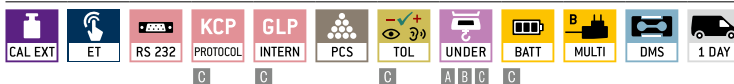- Protective working cover included with delivery

Technical data

- Large backlit display
  A, B digit height 9 mm
  C digit height 18 mm
- Dimensions weighing surface
  A ⌀ 81 mm, plastic
  B W×D 150×170 mm, stainless steel
  C W×D 340×240 mm, stainless steel
- Overall dimensions W×D×H
  A, B 167×250×85 mm
  C 350×390×120 mm

- Optional battery operation, 6×1.5 V Size C not included, operating time up to 40 h, for models with weighing plate size C
- Permissible ambient temperature 10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, for models with weighing plate size
  A KERN PCB-A02S05, **€ 40,-**
  B KERN PCB-A05S05, **€ 40,-**
  C KERN FKB-A02S05, **€ 40,-**
- Rechargeable battery pack external, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KS-A01, **€ 160,-**
- Internal rechargable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, for models with weighing plate size A, B, KERN KB-A01N, **€ 50,-**
- USB data interface, for transferring weighing to the PC, printer etc., for models with weighing plate size C, KERN CKE-A02, **€ 65,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD								OPTION		FACTORY
CAL EXT	ET	RS 232	KCP PROTOCOL	GLP INTERN	PCS	TOL	UNDER	BATT	MULTI	DMS	1 DAY	ACCU	DAkkS +3 DAYS	USB
			C	C		C	A B C	C						C

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate	
								DAkkS KERN	€
CKE 360-3	0,36	0,001	0,01	360.000	1	A	**290,-**	963-127	78,-
CKE 2000-2	2	0,01	0,1	200.000	1,8	B	**330,-**	963-127	78,-
CKE 3600-2	3,6	0,01	0,1	360.000	1,8	B	**350,-**	963-127	78,-
CKE 6K0.02	6	0,02	0,2	300.000	7	C	**490,-**	963-128	94,-
CKE 8K0.05	8	0,05	0,5	160.000	7	C	**470,-**	963-128	94,-
CKE 16K0.05	16	0,05	0,5	320.000	7	C	**570,-**	963-128	94,-
CKE 16K0.1	16	0,1	1	160.000	7	C	**460,-**	963-128	94,-
CKE 36K0.1	36	0,1	1	360.000	7	C	**520,-**	963-128	94,-
CKE 65K0.2	65	0,2	2	325.000	7	C	**520,-**	963-129	116,-

09

Counting scale KERN IFS

- Dimensions of display device W×D×H
  260×150×65 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

Industrial counting scale with convenient decimal keypad for easy data entry – now also with EC type approval [M], counting resolution up to 75000 points

Features

- Tough industry standard suitable for use in harsh industrial 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 weight display, reference weight, total pieces
- 100 item memories for master data such as reference weight, reference quantity, container weight (PRE-TARE) etc.
- Printout of date and time for GLP and GMP compliant data logging

- Precise counting: The manual reference weight optimisation gradually improves the average value of the piece weight
- Totalising of pieces when counting
- Protective working cover included with delivery

Technical data

- Large backlit LCD displays, digit height 16,5 mm
- Dimensions weighing surface, Stainless Steel
  A 230×230×110 mm
  B 300×240×110 mm
  C 400×300×120 mm
  D 500×400×140 mm
  E 650×500×140 mm

Accessories

- Protective working cover, scope of delivery: 5 items, KERN KFB-A02S05, **€ 40,-**
- 1 Stand to elevate display device
  Height of stand approx. 330 mm,
  KERN IFB-A01, **€ 50,-**
  Height of stand approx. 600 mm, for models with weighing plate size D, E,
  KERN IFB-A02, **€ 60,-**
- Internal rechargable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h , must be ordered at purchase, KERN KFB-A01, **€ 35,-**
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01, **€ 55,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD										OPTION	FACTORY
CAL EXT	MEMORY	RS 232	KCP PROTOCOL	GLP INTERN	PCS	SUM	PERCENT	TOL	MULTI	DMS	1 DAY	DAkkS +3 DAYS	ACCU	M +3 DAYS IFS-M

| Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option Verification M KERN	€	DAkkS Calibr. Certificate DAkkS KERN	€
				Dual-range balance switches automatically to the next largest weighing capacity [Max] and readibility [d]								
IFS 6K-4S	3 | 6	0,1 | 0,2	-	1	60.000	4,6	A	390,-	-	-	963-128	94,-
IFS 10K-4	6 | 15	0,1 | 0,2	-	2	75.000	6	B	405,-	-	-	963-128	94,-
IFS 30K0.2DL	12 | 30	0,2 | 0,5	-	5	60.000	11	C	450,-	-	-	963-128	94,-
IFS 60K0.5D	30 | 60	0,5 | 1	-	10	60.000	10	C	450,-	-	-	963-129	116,-
IFS 60K0.5DL	30 | 60	0,5 | 1	-	10	60.000	12	D	550,-	-	-	963-129	116,-
IFS 100K-3	75 | 150	1 | 2	-	25	60.000	12	D	630,-	-	-	963-129	116,-
IFS 100K-3L	75 | 150	1 | 2	-	25	60.000	20	E	790,-	-	-	963-129	116,-
IFS 300K-3	150 | 300	2 | 5	-	50	60.000	22	E	790,-	-	-	963-129	116,-
	Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.											
IFS 6K-3SM	3 | 6	1 | 2	1 | 2	1	60.000	6	A	350,-	965-228	70,-	963-128	94,-
IFS 6K-3M	3 | 6	1 | 2	1 | 2	1	60.000	6	B	410,-	965-228	70,-	963-128	94,-
IFS 10K-3M	6 | 15	2 | 5	2 | 5	2	75.000	6	B	410,-	965-228	70,-	963-128	94,-
IFS 10K-3LM	6 | 15	2 | 5	2 | 5	2	75.000	10	C	460,-	965-228	70,-	963-128	94,-
IFS 30K-3M	15 | 30	5 | 10	5 | 10	5	60.000	10	C	460,-	965-228	70,-	963-128	94,-
IFS 60K-2M	30 | 60	10 | 20	10 | 20	10	60.000	11	C	460,-	965-229	93,-	963-129	116,-
IFS 60K-2LM	30 | 60	10 | 20	10 | 20	10	60.000	13	D	550,-	965-229	93,-	963-129	116,-
IFS 100K-2M	60 | 150	20 | 50	20 | 50	25	60.000	12	D	550,-	965-229	93,-	963-129	116,-
IFS 100K-2LM	60 | 150	20 | 50	20 | 50	25	60.000	22	E	720,-	965-229	93,-	963-129	116,-
IFS 300K-2M	150 | 300	50 | 100	50 | 100	50	60.000	22	E	720,-	965-229	93,-	963-129	116,-

09

Counting scale KERN CDS

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

Features

- 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
- 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 Place the reference quantity for the goods to be counted into the container (5, 10 or 20 pieces)
  3 Confirm the selected reference quantity by pressing the key (5, 10 or 20)
  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
- Protective working cover included with delivery

Technical data

- Backlit LCD display, digit height 18 mm
- Dimensions weighing surface, Stainless Steel
  A W×D 228×228 mm
  B W×D 308×318 mm
  C W×D 450×350 mm
- Dimensions of display device W×D×H 225×115×60 mm
- Permissible ambient temperature 10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05, **€ 40,-**
- Mount to fasten the display device to the platform, for models with weighing plate size B, C, can be reordered, KERN DE-A11N, **€ 35,-**
- **5** Stand to elevate display device, height of stand approx. 480 mm, can be reordered, KERN DE-A10, **€ 100,-**
- Rechargeable battery pack external, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KS-A01, **€ 160,-**
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KB-A01N, **€ 50,-**
- Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate B, KERN DS-A01, **€ 200,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD | OPTION

| CAL EXT | RS 232 | PCS | MULTI B | DMS | 1 DAY | UNDER | ACCU | DAkkS +3 DAYS |

B

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Counting resolution Points	Net weight approx. kg	Cable length approx. m	Weighing plate	Price excl. of VAT ex works €	Option	
									DAkkS Calibr. Certificate	
									DAkkS KERN	€
CDS 4K0.02	4	0,02	0,2	200.000	6	2	A	**560,-**	963-127	78,-
CDS 15K0.05	15	0,05	0,5	300.000	8	2	B	**490,-**	963-128	94,-
CDS 16K0.1	16	0,1	1	160.000	8	2	B	**470,-**	963-128	94,-
CDS 30K0.1	30	0,1	1	300.000	8	2	B	**560,-**	963-128	94,-
CDS 30K0.1L	30	0,1	1	300.000	10	0,6	C	**720,-**	963-128	94,-
CDS 36K0.2L	36	0,2	2	180.000	10	0,6	C	**710,-**	963-128	94,-
CDS 60K0.2	60	0,2	2	300.000	10	0,6	C	**720,-**	963-129	116,-

- Three displays for weight display, reference weight, total pieces
- 100 item memories for master data such as reference weight, reference quantity, container weight (PRE-TARE) etc.
- Precise counting: The manual reference weight optimisation gradually improves the average value of the piece weight
- Totalising of pieces when counting
- Printout with date and time
- Aluminium singlepoint load cell (1×3000 e), protection against dust and water splashes IP65
- Protective working cover included with delivery

Technical data

Reference scale KERN EWJ
- Overall dimensions (incl. draught shield) W×D×H 220×340×321 mm
- Dimensions of weighing surface, stainless steel, ∅ 120 mm
- Net weight 3,2 kg
- Connection cable approx. 1,5 m

Quantity scale KERN IFS
- Dimensions of weighing plate
  - Ⓐ 300×240×110 mm
  - Ⓑ 400×300×120 mm
  - Ⓒ 500×400×140 mm
  - Ⓓ 650×500×140 mm

Accessories

- ❶ Signal lamp for visual support of weighing with tolerance range, only in combination with CCA-A02, KERN CFS-A03, **€ 250,-**
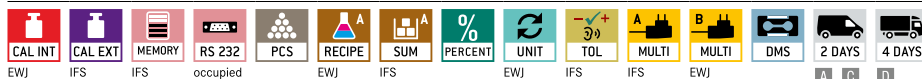- Y-cable, RS-232, KERN CCA-A02, **€ 46,-**

Reference scale KERN EWJ
- Protective working cover, scope of delivery: 5 items, KERN EWJ-A04S05, **€ 40,-**
- Internal rechargable battery pack, operating time up to 15h without backlight, charging time approx. 4h , KERN KFB-A01, **€ 35,-**
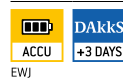
Quantity scale KERN IFS
- Protective working cover, scope of delivery: 5 items, KERN KFB-A02S05, **€ 40,-**
- Internal rechargable battery pack, operating time up to 18 h without backlight, charging time approx. 12 h, Factory Option, KERN KFB-A01, **€ 35,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

High-resolution counting system with EC type approval to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999

Features

- The highly accurate KERN CCA counting system can replace a whole range of individual balances, efficiently and at a reasonable price
- Thanks to EC type approval, it is also suitable for use in verified applications
- 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

Reference scale KERN
- This precision balance, which can be used as an individual balance, also fulfils the highest demands through connection with a high-capacity weighing bridge
- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight
- Easy to use: All primary functions have their own key on the keypad

- Automatic internal adjustment, time-controlled every 2 h, guarantees high degree of accuracy and makes the balance independent of its location
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- USB data interface for transferring weighing data to the PC, printer etc. Can only be used in combination with KERN DBS-A02 accessories
- Draught shield standard, Weighing space W×D×H 134×128×80 mm,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 CCA. In this way even the smallest of parts can be counted in large volumes
- Tough industry standard suitable for use in harsh industrial 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.

Model KERN	Weighing capacity Quantity scale [Max] kg	Readability Quantity scale [d] g	Weighing plate	Weighing capacity Reference scale [Max] g	Readability Reference scale [d] g	Counting resolution Points	Smallest part weight [Normal] g/piece	Price excl. of VAT ex works €	Option Verification KERN	Verification €
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.										
CCA 6K-5M	3|6	1|2	Ⓐ	600	0,01	30.000	0,2	**890,-**	965-228-216	121,-
CCA 10K-5M	6|15	2|5	Ⓐ	600	0,01	75.000	0,2	**890,-**	965-228-216	121,-
CCA 30K-5M	15|30	5|10	Ⓑ	600	0,01	150.000	0,2	**960,-**	965-228-216	121,-
CCA 60K-5M	30|60	10|20	Ⓑ	600	0,01	300.000	0,2	**960,-**	965-229-216	159,-
CCA 100K-5M	60|150	20|50	Ⓒ	600	0,01	750.000	0,2	**1070,-**	965-229-216	159,-
CCA 300K-5M	150|300	50|100	Ⓓ	600	0,01	1.500.000	0,2	**1250,-**	965-229-216	159,-

STANDARD | OPTION | FACTORY

CAL INT	CAL EXT	MEMORY	RS 232	PCS	RECIPE	SUM	PERCENT	UNIT	TOL	MULTI A	MULTI B	DMS	2 DAYS	4 DAYS	ACCU	DAkkS +3 DAYS	ACCU	M +3 DAYS
EWJ	IFS	IFS	occupied		EWJ	IFS		EWJ	IFS	IFS	EWJ		Ⓐ-Ⓒ	Ⓓ	EWJ		IFS	

09

Counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999

09

Features

- The highly accurate KERN CCS counting system can replace a whole range of individual balances, efficiently and at a reasonable price

Reference scale KERN CFS
- This professional counting 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
- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight
- Three displays for weight display, reference weight, total pieces
- Memory (PLU) for 100 items with additional text, reference weight and tare weight, e.g. of a container
- Fill-to-target function: Target count or target weight can be programmed. When the target weight is reached there is an audible and visual signal
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Protective working cover included with delivery

Quantity scale KERN
- 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

KFP-V20 IP67, KFU-V20
- Stainless steel weighing plate, painted steel base, for models with weighing plate size A – E
- Aluminium singlepoint load cell (1×3000 e), protection against dust and water splashes IP65

KFP-V20 IP67, KIP-V20M
- Weighing bridge made of non-slip corrugated steel plate, lacquered, for models with weighing plate size I - K
- 4 load cells, steel, silicone-coated, IP67

KFU-V20
- Load range: painted steel
- 4 load cells, alloy steel, silicone-coated, IP67

Technical data

Reference scale KERN CFS
- Overall dimensions W×D×H 315×350×180 mm
- Dimensions weighing surface, stainless steel
  1 CFS 300-3: ∅ 80 mm
  CFS 3K-5, CFS 6K0.1: W×D 300×225 mm
- Draught shield standard for models with weighing plate size ∅ 80 mm, weighing space B×T×H 158×143×64 mm
- Net weight approx. 2,6 kg

Quantity platforms, KERN KFP-V20 IP65
- Weighing plate dimensions W×D×H, stainless steel
  A 230×230×110 mm
  B 300×240×110 mm
  C 400×300×125 mm
  D 500×400×137 mm
  E 650×500×135 mm

Bulk weighing bridges, KFP-V20 IP67
- Weighing plate dimensions W×D×H, steel, painted
  F 1500×1250×80 mm

Bulk pallet load handling, KERN KFU-V20
- Weighing plate dimensions W×D×H, steel, painted
  G 840×1300×90 mm

Quantity platforms KERN KIP-V20
- Weighing plate dimensions W×D×H, stainless steel
  H 1000×1000×108 mm
  I 1500×1200×108 mm
  J 1500×1500×108 mm

- Connection cable approx.
  A – E 2,5 m
  F – J 5 m

Counting system KERN CCS

Accessories

- 2 Protective working cover, scope of delivery: 5 items, KERN CFS-A02S05, **€ 40,-**
- 3 Internal rechargeable battery pack, operating time up to 60 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- 4 Signal lamp for visual support of weighing with tolerance range, only in combination with, KERN CFS-A03, **€ 250,-**
- 5 Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 35,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

! Information on other high-capacity bulk balances, such as, for example, pallet scales, drive-through scales or floor scales is available on request, for information on other counting systems with the KERN CFS reference balance (d = 0.1 g), please refer to the website

09

STANDARD

CAL EXT	MEMORY	RS 232	DUAL	KCP PROTOCOL	PCS	SUM	TOL	MULTI	DMS	2 DAYS	4 DAYS

*

OPTION

ACCU	DAkkS +3 DAYS

Model KERN	Weighing capacity Quantity scale [Max] kg	Readability Quantity scale [d] g	Weighing plate	Weighing capacity Reference scale [Max] g	Readability Reference scale [d] g	Counting resolution Points	Smallest part weight [Normal] g/piece	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DAkkS KERN	Option DAkkS Calibr. Certificate €
CCS 6K-6	6	0,2	A	300	0,001	1.200.000	0,05	**630,-**	962-128-127	172,-
CCS 10K-6.	15	0,5	B	300	0,001	3.000.000	0,05	**660,-**	962-128-127	172,-
CCS 30K0.01.	30	1	C	3000	0,01	600.000	0,5	**540,-**	962-128-127	172,-
CCS 30K0.1.	30	1	C	6000	0,1	300.000	1	**490,-**	962-128-128	188,-
CCS 60K0.01.	60	2	C	3000	0,01	1.200.000	0,5	**540,-**	962-129-127	194,-
CCS 60K0.01L.	60	2	D	3000	0,01	1.200.000	0,5	**620,-**	962-129-127	194,-
CCS 60K0.1.	60	2	C	6000	0,1	600.000	1	**495,-**	962-129-128	210,-
CCS 60K0.1L.	60	2	D	6000	0,1	600.000	1	**570,-**	962-129-128	210,-
CCS 150K0.01.	150	5	D	3000	0,01	3.000.000	0,5	**650,-**	962-129-127	194,-
CCS 150K0.01L	150	5	E	3000	0,01	3.000.000	0,5	**860,-**	962-129-127	194,-
CCS 150K0.1.	150	5	D	6000	0,1	1.500.000	1	**540,-**	962-129-128	210,-
CCS 150K0.1L	150	5	E	6000	0,1	1.500.000	1	**820,-**	962-129-128	210,-
CCS 300K0.01	300	10	E	3000	0,01	6.000.000	0,5	**860,-**	962-129-127	194,-
CCS 300K0.1	300	10	E	6000	0,1	3.000.000	1	**790,-**	962-129-128	210,-
CCS 600K-1S*	600	200	H	6000	0,1	6.000.000	1	**1400,-**	962-130-127	245,-
CCS 600K-1*	600	200	I	6000	0,1	6.000.000	1	**1650,-**	962-130-127	245,-
CCS 600K-2U*	600	200	G	3000	0,01	12.000.000	0,5	**1490,-**	962-130-127	245,-
CCS 1T-4S*	1500	500	H	6000	0,1	15.000.000	1	**1400,-**	962-130-128	260,-
CCS 1T-4*	1500	500	I	6000	0,1	15.000.000	1	**1650,-**	962-130-128	260,-
CCS 1T-1L*	1500	500	F	6000	0,1	15.000.000	1	**1880,-**	962-130-128	260,-
CCS 1T-1U*	1500	500	G	6000	0,1	15.000.000	1	**1430,-**	962-130-128	260,-
CCS 3T-3*	3000	1000	I	6000	0,1	30.000.000	1	**1650,-**	962-132-128	530,-
CCS 3T-3L*	3000	1000	J	6000	0,1	30.000.000	1	**1850,-**	962-132-128	530,-