

Counting system KERN CCS



KERN®

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

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
- Draught shield standard for models with [d] = 0,001 g, weighing space W×D×H 155×141×80 mm
- Protective working cover included with delivery

Quantity scale KERN KFP/KERN KFU/KERN KIP

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

Stainless steel platform KERN KFP-V20 IP65

- Weighing plate stainless steel, painted steel base
- Aluminium singlepoint load cell, protection against dust and water splashes
- for models with weighing plate size **A-E**

Weighing bridge KERN KFP-V20 IP67

- Weighing bridge made of non-slip corrugated steel plate, lacquered
- 4 load cells, alloy steel, silicone-coated, IP67
- for models with weighing plate size **F**

U-shaped weighing bridge KERN KFU-V20

- Load range: painted steel
- 4 load cells, alloy steel, silicone-coated, IP67
- for models with weighing plate size **G**

Weighing bridge KERN KIP-V20M IP67

- Lacquered steel weighing bridge, weighing plate size 1500×1500×130 mm corrugated steel plate. Extremely resistant to bending due to material thickness
- 4 load cells, alloy steel, silicone-coated, IP67
- for models with weighing plate size **H, I, J**

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Technical data

Reference scale KERN CFS

- Weighing plate dimensions, stainless steel
 - [d] = 0,001 g: Ø 80 mm
 - [d] ≥ 0,01 g: W×D 295×225 mm
- Overall dimensions W×D×H
315×350×100 mm
- Net weight
 - [d] = 0,001 g: approx. 2,6 kg
 - [d] ≥ 0,01 g: approx. 3,4 kg

Quantity platforms, KERN KFP-V20 IP65

- Weighing plate dimensions, stainless steel
 - A W×D×H 230×230×100 mm
 - B W×D×H 300×240×110 mm
 - C W×D×H 400×300×120 mm
 - D W×D×H 500×400×137 mm
 - E W×D×H 650×500×142 mm

Bulk weighing bridges, KFP-V20 IP67

- Weighing plate dimensions, coated metal
 - F W×D×H 1500×1250×80 mm

Bulk pallet load handling, KERN KFU-V20

- Weighing plate dimensions, coated metal
 - G W×D×H 840×1190×90 mm

Quantity platforms, KERN KIP-V20M

- Weighing plate dimensions, coated metal
 - H W×D×H 1000×1000×108 mm
 - I W×D×H 1200×1500×108 mm
 - J W×D×H 1500×1500×108 mm
- Connection cable approx.
 - A - F 1,5 m
 - F - J 1,5 m

Accessories

- Protective working cover, scope of delivery 5 items, KERN CFS-A02S05
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01
- Internal rechargeable battery pack, operating time up to 70 h without backlight, charging time approx. 14 h, KERN GAB-A04
- Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03
- 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
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



Model	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	Option DAkks Calibr. Certificate DAkks KERN
KERN								
CCS 6K-6	6	0,2	A	300	0,001	1.200.000	0,05	962-128-127
CCS 10K-6	15	0,5	B	300	0,001	3.000.000	0,05	962-128-127
CCS 30K0.01.	30	1	C	3000	0,01	600.000	0,5	962-128-127
CCS 30K0.1.	30	1	C	6000	0,1	300.000	1	962-128-128
CCS 60K0.01.	60	2	C	3000	0,01	1.200.000	0,5	962-129-127
CCS 60K0.01L.	60	2	D	3000	0,01	1.200.000	0,5	962-129-127
CCS 60K0.1.	60	2	C	6000	0,1	600.000	1	962-129-128
CCS 60K0.1L.	60	2	D	6000	0,1	600.000	1	962-129-128
CCS 150K0.01	150	5	D	3000	0,01	3.000.000	0,5	962-129-127
CCS 150K0.01L	150	5	E	3000	0,01	3.000.000	0,5	962-129-127
CCS 150K0.1.	150	5	D	6000	0,1	1.500.000	1	962-129-128
CCS 150K0.1L	150	5	E	6000	0,1	1.500.000	1	962-129-128
CCS 300K0.01	300	10	E	3000	0,01	6.000.000	0,5	962-129-127
CCS 300K0.1	300	10	E	6000	0,1	3.000.000	1	962-129-128
CCS 600K-2U*	600	200	G	3000	0,01	12.000.000	0,5	962-130-127
CCS 600K-2L	600	200	F	3000	0,01	12.000.000	0,5	962-130-127
CCS 600K-1S	600	200	H	6000	0,1	6.000.000	1	962-130-127
CCS 600K-1	600	200	I	6000	0,1	6.000.000	1	962-130-127
CCS 1T-1U	1500	500	G	6000	0,1	15.000.000	1	962-130-128
CCS 1T-4S	1500	500	H	6000	0,1	15.000.000	1	962-130-128
CCS 1T-4	1500	500	I	6000	0,1	15.000.000	1	962-130-128
CCS 1T-1L	1500	500	F	6000	0,1	15.000.000	1	962-130-128
CCS 3T-1*	3000	1000	F	6000	0,1	30.000.000	1	962-132-128
CCS 3T-3	3000	1000	I	6000	0,1	30.000.000	1	962-132-128
CCS 3T-3L	3000	1000	J	6000	0,1	30.000.000	1	962-132-128

* ONLY WHILE STOCKS LAST