



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

- 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

Platform KERN KFP-V20 IP65

- Weighing plate stainless steel, painted steel base
- Aluminium singlepoint load cell, protection against dust and water splashes IP65
- Models with weighing plate size **A - E**

Weighing bridge KERN KIP-V20M IP67

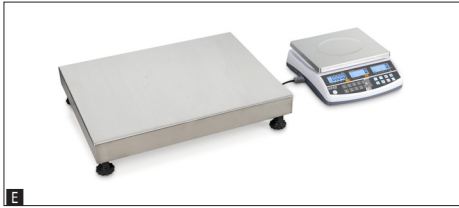
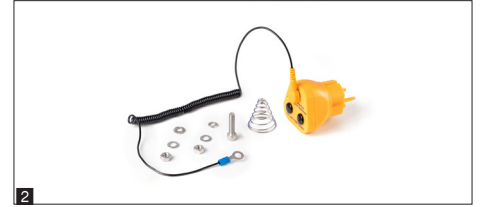
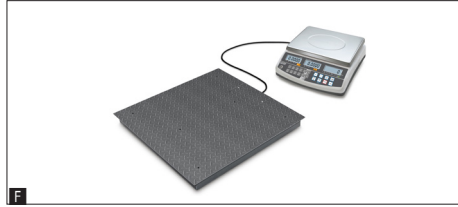
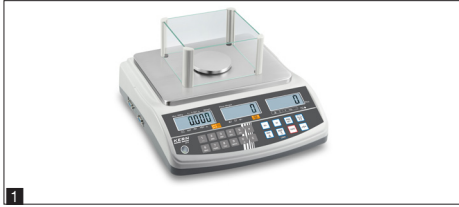
- Lacquered steel weighing bridge, corrugated steel plate. Extremely resistant to bending due to material thickness
- 4 load cells, alloy steel, silicone-coated, IP67
- Models with weighing plate size **F, G, H**

Weighing bridge KERN KFP-V20 IP67

- Weighing bridge painted steel, Weighing plate screwed on from the top
- 4 load cells, alloy steel, silicone-coated, IP67
- Models with weighing plate size **I**

U-shaped weighing bridge KERN KFU-V20

- Load range: painted steel
- 4 load cells, alloy steel, silicone-coated, IP67
- Models with weighing plate size **J**



Technical data

Reference scale KERN CFS

- Dimensions weighing surface, stainless steel
 - 1** [d] = 0,001 g: \varnothing 80 mm
 - [d] \geq 0,01 g: WxD 295x225 mm
- Overall dimensions WxDxH 315x350x100 mm
- Net weight
 - 1** [d] = 0,001 g: approx. 2,6 kg
 - [d] \geq 0,01 g: approx. 3,4 kg

Quantity platforms, KERN KFP-V20 IP65

- Weighing platform dimensions, stainless steel
 - A** WxDxH 230x230x103 mm
 - B** WxDxH 300x240x105 mm
 - C** WxDxH 400x300x114 mm
 - D** WxDxH 500x400x124 mm
 - E** WxDxH 650x500x136 mm

Quantity platforms, KERN KIP-V20M

- Weighing platform dimensions, coated metal
 - F** WxDxH 1000x1000x108 mm
 - G** WxDxH 1200x1500x108 mm
 - H** WxDxH 1500x1500x108 mm

Bulk weighing bridges, KERN KFP-V20 IP67

- Weighing platform dimensions, coated metal
 - 1** WxDxH 1500x1250x80 mm

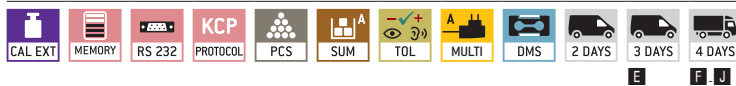
Bulk pallet load handling, KERN KFU-V20

- Weighing platform dimensions, coated metal
 - J** WxDxH 840x1190x90 mm
- Connection cable approx.
 - A - E** 3 m
 - F - J** 5 m

Accessories

- Protective working cover, scope of delivery: 5 items, KERN CFS-A02S05
- **2** Suitable for models with weighing plate size **A - E**: 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	Quantity scale		Weighing plate	Reference scale		Counting resolution	Smallest part weight (Normal) g/piece	Options	
	Weighing capacity [Max] kg	Readability [d] g		Weighing range [Max] g	Readout [d] g			DAkkS	Calibr. Certificate
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 300K0.1	300	10	E	6000	0,1	3.000.000	1	962-129-128	
CCS 300K0.01	300	10	E	3000	0,01	6.000.000	0,5	962-129-127	
CCS 600K-1S	600	200	F	6000	0,1	6.000.000	1	962-130-127	
CCS 1T-4S	1500	500	F	6000	0,1	15.000.000	1	962-130-128	
CCS 1T-4	1500	500	G	6000	0,1	15.000.000	1	962-130-128	
CCS 1T-1L	1500	500	H	6000	0,1	15.000.000	1	962-130-128	
CCS 1T-1U	1500	500	J	6000	0,1	15.000.000	1	962-130-128	
CCS 3T-3L	3000	1000	I	6000	0,1	30.000.000	1	962-132-128	