

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

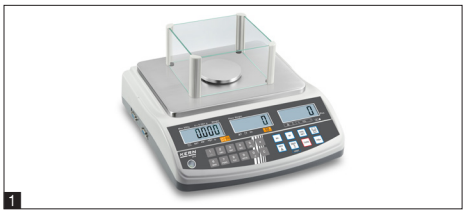
- Lacquered steel weighing bridge, corrugated steel plate. Extremely resistant to bending due to material thickness
- 4 load cells, alloy steel, silicone-coated, IP67
- Models with weighing plate size F, G, H

Weighing bridge KERN KFP-V20 IP67

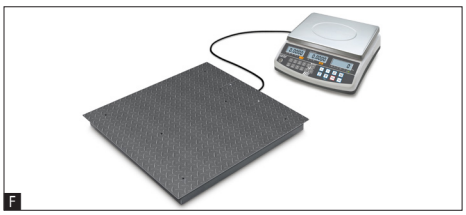
- Weighing bridge painted steel, Weighing plate screwed on from the top
- 4 load cells, alloy steel, silicone-coated, IP67
- Models with weighing plate size I

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


1


E


F


J

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Technical data

Reference scale KERN CFS
- Dimensions weighing surface, stainless steel
  1 [d] = 0,001 g: ⌀ 80 mm
  [d] ≥ 0,01 g: W×D 295×225 mm
- Overall dimensions W×D×H 315×350×100 mm
- Net weight
  1 [d] = 0,001 g: approx. 2,6 kg
  [d] ≥ 0,01 g: approx. 3,4 kg

Quantity platforms, KERN KFP-V20 IP65
- Weighing platform dimensions, stainless steel
  A W×D×H 230×230×103 mm
  B W×D×H 300×240×105 mm
  C W×D×H 400×300×114 mm
  D W×D×H 500×400×124 mm
  E W×D×H 650×500×136 mm

Quantity platforms, KERN KIP-V20M
- Weighing platform dimensions, metal, lacquered
  F W×D×H 1000×1000×108 mm
  G W×D×H 1200×1500×108 mm
  H W×D×H 1500×1500×108 mm

Bulk weighing bridges, KERN KFP-V20 IP67
- Weighing platform dimensions, metal, lacquered
  I W×D×H 1500×1250×80 mm

Bulk pallet load handling, KERN KFU-V20
- Weighing platform dimensions, metal, lacquered
  J W×D×H 840×1190×90 mm
- Connection cable approx.
  A-E 3 m
  F-J 5 m

STANDARD



E F-J

OPTION



Model	Quantity scale		Weighing plate (Quantity scale)	Reference scale		Counting resolution	Smallest part weight (Normal)	Options
	Weighing capacity [Max] kg	Readability [d] g		Weighing capacity [Max] g	Readability [d] g	Points	g/piece	**Calibr. Certificate** DAkkS accr. 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