



DISPLAY DEVICES, PLATFORMS, WEIGHING BRIDGES, LOAD CELLS


PROFESSIONAL MEASURING





KERN Pictograms


 **Internal adjusting**
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)


 **Adjusting program CAL**
For quick setting up of the balance's accuracy. External adjusting weight required


 **EasyTouch**
Suitable for the connection, data transmission and control through PC or tablet


 **Memory**
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.


 **Alibi memory**
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.


 **KERN Universal Port (KUP)**
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort


 **RS-232 Data interface**
To connect the balance to a printer, PC or network


 **RS-485 Data interface**
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible


 **USB Data interface**
To connect the balance to a printer, PC or other peripherals

 **Bluetooth* Data interface**
To transfer data from the balance to a printer, PC or other peripherals

 **WIFI Data interface**
To transfer data from the balance to a printer, PC or other peripherals


 **Control outputs**
(optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.


 **Analogue interface**
to connect a suitable peripheral device for analogue processing of the measurements


 **Interface for second balance**
For direct connection of a second balance


 **Network interface**
For connecting the scale to an Ethernet network


 **KERN Communication Protocol (KCP)**
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems


 **GLP/ISO log intern**
The balance displays weight, date and time, independent of a printer connection


 **GLP/ISO log Printer**
With weight, date and time. Only with KERN printers.


 **Piece counting**
Reference quantities selectable. Display can be switched from piece to weight


 **Recipe level A**
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out


 **Recipe level B**
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display


 **Totalising level A**
The weights of similar items can be added together and the total can be printed out


 **Percentage determination**
Determining the deviation in % from the target value (100 %)


 **Weighing units**
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details

 **Weighing with tolerance range (Checkweighing)**
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model


 **Hold function**
(Animal weighing program)
When the weighing conditions are unstable, a stable weight is calculated as an average value


 **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram


 **Suspended weighing**
Load support with hook on the underside of the balance


 **Battery operation**
Ready for battery operation. The battery type is specified for each device


 **Rechargeable battery pack**
Rechargeable set


 **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS


 **Plug-in power supply**
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available


 **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request


 **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body


 **Weighing principle Tuning fork**
A resonating body is electromagnetically excited, causing it to oscillate


 **Weighing principle Electromagnetic force compensation**
Coil inside a permanent magnet. For the most accurate weighings


 **Weighing principle Single cell technology**
Advanced version of the force compensation principle with the highest level of precision

 **Conformity Assessment**
The time required for conformity assessment is specified in the pictogram

 **DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram

 **Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram

 **Package shipment**
The time required for internal shipping preparations is shown in days in the pictogram

 **Pallet shipment**
The time required for internal shipping preparations is shown in days in the pictogram

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KERN Quick-Finder

How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

And it's as simple as that – find the product you want in 2 steps:

1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder



1 KERN KFB-TM

Display device with large digits – easy to read and optional analogue output for controlling systems (PLC) etc.

2 KERN KFS-TM

Professional indicator with 3 displays, also with EC type approval [M]

Tip

- to see what options are offered by this display device, please see the KERN platform scale IFB on page 114

Tip

- to see what options are offered by this display device, please see the KERN counting scale IFS on page 92

STANDARD

CAL EXT	RS 232	KCP	GLP	PCS	SUM	UNIT	TOL
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STANDARD OPTION FACTORY

MOVE	MULTI	1 DAY	ACCU	BT 2.0	ANALOG	M
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STANDARD

CAL EXT	MEMORY	RS 232	KCP	GLP	PCS	SUM
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STANDARD OPTION FACTORY

TOL	MULTI	1 DAY	ACCU	M
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Features	Model KERN 1 KFB-TM	Model KERN 2 KERN KFS-TM
Display (segments)	5 + ½ digits	6 digits
EC type approval	yes	yes
Resolution verifiable	6000 e	3000 e
Resolution non verifiable	30000 d	60000 d
Weighing capacities	≤ 2	≤ 2
Weighing units	kg, lb	kg, g
Readability	1, 2, 5, 10, n	1, 2, 5, 10, n
Piece counting with reference	10, 20, 50, 100, 200	n
Display, digit height	Backlit LCD display, 52 mm	Backlit LCD displays, 13/ 16,5 mm
Additional functions	Totalising, HOLD function, Integrated KERN Communication Protocol (KCP), ideal for connecting an Merchandise Management or ERP system, Compatible with the KERN EasyTouch App	99 item memories, totalising, printing of date and time, Integrated KERN Communication Protocol (KCP), ideal for connecting an Merchandise Management or ERP system, Compatible with the KERN EasyTouch App
Strain gauge load cells	87 – 1600 Ω	87 – 1600 Ω
Linearisation	3 points	4 points
Input voltage	12 V, 500 mA	12 V, 500 mA
Permissible ambient temperature	-10 °C/40 °C	0 °C/40 °C
Interface RS-232	yes	yes
2. Interface RS-232, separate Y cable	CFS-A04, € 38,-	CFS-A04, € 38,-
Interface RS-485	-	-
Interface USB	-	-
Interface Bluetooth	KERN KFB-A03, € 160,-	-
Analogue module	0-10V: KERN KFB-A04, € 170,-; 4-20 mA: KERN KFB-A05, € 170,-;	-
Signal lamp	CFS-A03, € 310,-	CFS-A03, € 310,-
Foot switch	-	-
Stand	BFS-A07, € 160,-	BFS-A07, € 160,-
Benchtop stand for display device/wall mount	yes/yes	yes/yes
Protective working cover	KFB-A02S05, € 44,-	KFB-A02S05, € 44,-
Rechargeable battery pack	KFB-A01, € 40,-	KFB-A01, € 40,-
Operating/charging time	up to 35 h/12 h	up to 40 h/12 h
Dimensions Housing W×D×H	250×160×65 mm	260×150×65 mm
Net weight	1,2 kg	1,5 kg
Price, excl. of VAT, ex works, €	230,-	280,-

* not possible in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used

** not possible in combination with signal lamp. When installing the analogue module, the RS-232 data interface can no longer be used



3 KERN KIB-TM

Practical Flip/Flop Display Device for greatest ease of use

Features

- 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. Factory Option ex works for an additional cost, delivery time + 2 working days, KERN KIB-M01, € 104,-
- Industry 4.0: A large number of (optional) data interfaces enable convenient transferring weighing data to tablets, laptops, PCs, networks, smartphones, printers, etc.
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP).

4 KERN KFN-TM

Stainless steel display device with IP65 protection and superior display size and optional analogue output for controlling systems (PLC) etc.

Tip

- to see what options are offered by this display device, please see the KERN SFB platform scale on page 78

STANDARD



OPTION



FACTORY

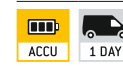


* Note: In addition to the RS-232 data interface, which is integrated as standard, only one other data interface can be installed and operated

STANDARD



STANDARD



FACTORY



Features	Model KERN 3 KIB-TM	Model KERN 4 KFN-TM
Display (segments)	6 digits	5 + 1/2 digits
EC type approval	yes	yes
Resolution verifiable	6000 e	6000 e
Resolution non verifiable	60000 d	30000 d
Weighing capacities	≤ 2	≤ 2
Weighing units	kg, g	kg
Readability	1, 2, 5, 10, n	1, 2, 5, 10, n
Piece counting with reference	5, 10, 20, 25, 50, 100	10, 20, 50, 100, 200
Display, digit height	Backlit LCD display, 24 mm	Backlit LCD display, 52 mm
Additional functions	Totalising, HOLD function, printing of time. KCP Only possible through RS-232; USB, Bluetooth, WiFi, Digital I/O, LAN on request	Totalising, HOLD function
Strain gauge load cells	87-1100 Ω	87 - 1600 Ω
Linearisation	3 points	3 points
Input voltage	12 V DC, 1000 mA	12 V, 500 mA
Permissible ambient temperature	-10 °C/40 °C	-10 °C/40 °C
Interface RS-232	yes*	KFN-A01, € 225,-
Interface RS-485	-	-
Interface USB	KIB-A03*, € 120,-	-
Interface Bluetooth	KIB-A04, € 110,-	-
WiFi	KIB-A10*, € 140,-	-
SWITCH (DIGITAL I/O)	-	-
LAN	KIB-A02*, € 165,-	-
Alibi memory	KIB-A01, € 175,-	-
Analogue module	-	0-10V: KERN KFB-A04, € 170,-; 4-20 mA: KERN KFB-A05, € 170,-;
Stand	EOC-A05, € 65,-	BFS-A07, € 160,-
Benchtop stand for display device/wall mount	EOC-A04, € 33,-	yes/yes
Protective working cover	EOC-A01S05, € 55,-	-
Rechargeable battery pack	KFB-A01, € 40,-	GAB-A04, € 42,-
Operating/charging time	up to 43 h/3 h	up to 35 h/12 h
Dimensions Housing W×D×H	268×115×70 mm	266×165×96 mm
Net weight	0,8 kg	2,6 kg
Price, excl. of VAT, ex works, €	220,-	360,-

- * not possible in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used
- ** not possible in combination with signal lamp. When installing the analogue module, the RS-232 data interface can no longer be used



- Simplified battery replacement through easily-accessible housing. Particularly advantageous for models with optional verification, as the verification seal remains intact
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time

Display device with up to three interfaces and optional verification

Features

- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- Industry 4.0: Data and control commands can be exchanged through the KERN Universal Port using one interface, which can be connected to the housing, or through three parallel interfaces using the KUP Extension box
- The following interfaces are available as an option: RS-232, USB, Analogue module, Ethernet, WiFi, Bluetooth

- Each interface can be set up separately, e.g.:
 - Interface 1 (WiFi): Continuous sending to PC for documentation of a process
 - Interface 2 (RS 232): Print stable weight
 - Interface 3 (analogue module): Controlling a device when the target weight is reached
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol

Accessories

- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, € 35,-
- External data interface RS-232, interface cable included, KERN KUP-01, € 60,-
- External data interface USB, interface cable included, KERN KUP-03, € 75,-
- External data interface Ethernet, KERN KUP-04, € 115,-
- External data interface WiFi, interface cable included, KERN KUP-05, € 75,-
- Bluetooth interface adapter, KERN KUP-06, € 99,-
- Analogue module, KERN KUP-08, € 170,-
- *Extension box for connecting up to three interfaces in parallel, KERN KUP-13, € 75,-
- Memory module (alibi memory), KERN YMM-04, € 80,-
- Signal lamp for visual support of weighing with tolerance range, connection is only possible in combination with KUP-01 (RS 232 interface), KERN CFS-A03, € 310,-

STANDARD	OPTION	FACTORY
CAL EXT KUP KCP GLP PCS SUM PERCENT TOL MOVE MULTI 1 DAY	ET RS 232 USB BT 4.0 WIFI ANALOG LAN ACCU	ALIBI M

Features

Features	Model KERN KFC-TM
Display (segments)	6
EU type approval	yes
Resolution (verifiable)	3.000 / 2 × 3.000
Resolution (non verifiable)	100 - 999.999
Weighing capacities	single-range / 2 × multi-range / 2 × multi-division
Weighing units	kg, g, lb, ffa, PCS, % Verifiable: kg, g
Piece counting with reference	5, 10, 20, 50, n
Display, digit height	50 mm
Strain gauge load cells	87 - 1100 Ω
Linearisation (points)	2 / 3 / 5
Input voltage	110 V - 240 V AC
Accu operation time - without backlight	48 h
Accu charging time	8 h
Dimensions Housing W×D×H	220×145×65 mm
Net weight	0,7 kg
Permissible ambient temperature	-10°C/40°C
Price, excl. of VAT, ex works, €	230,-



Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, € 35,-
- GB mains adapter, cable length 1,5 m, KERN KXS-A06, € 109,-
- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Internal data interface RS-232, interface cable included, KERN KUM-01, € 120,-
- Internal data interface USB, interface cable included, KERN KUM-03, € 120,-
- Internal data interface Ethernet, interface cable included, KERN KUM-04, € 165,-
- Internal data interface WiFi, KERN KUM-05, € 95,-
- Internal data interface Bluetooth, KERN KUM-06, € 135,-
- Analogue module, KERN KUM-08, € 145,-
- Memory module with real time clock (alibi memory), KERN YMM-06, € 160,-

Stainless steel display device with IP68 dust and spray protection and up to four interfaces

Features

- With dust and spray protection (IP68), which makes it ideal for use in industry and outdoors
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- Industry 4.0: The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections (RS 232, Ethernet, USB or analogue module) and two wireless connections (WiFi or Bluetooth)
- Each interface can be set up separately, e.g.:

- Interface 1 (WiFi): Continuous sending to PC for documentation of a process
- Interface 2 (RS-232): Print stable weight
- Interface 3 (analogue module): Controlling a device when the target weight is reached
- Interface 4 (Bluetooth): Continuous sending to a tablet to monitor a process
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further

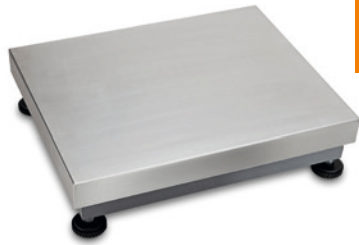
*Note: only two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi or Bluetooth) can be used at the same time



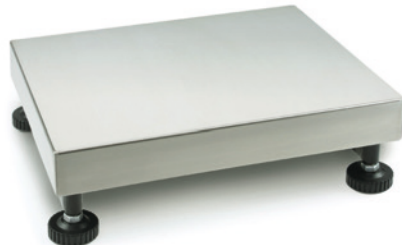
Features

Model KERN KXC-TM

Display (segments)	6
EU type approval	yes
Resolution (verifiable)	3.000 / 2 × 3.000
Resolution (non verifiable)	100 - 999.999
Weighing capacities	single-range / 2 × multi-range / 2 × multi-division
Weighing units	kg, g, lb, ffa, PCS, %
Piece counting with reference	5, 10, 20, 50, n
Display, digit height	48 mm
Strain gauge load cells	87 - 1100 Ω
Linearisation (points)	2 / 3 / 5
Input voltage	110 V - 240 V AC
Accu operation time - without backlight	48 h
Accu charging time	8 h
Dimensions Housing W×D×H	232×150×80 mm
Net weight	2,6 kg
Permissible ambient temperature	-10°C/40°C
Price, excl. of VAT, ex works, €	400,-



NEW



1 KERN KBP-V20 IP65

Platform

Features

- Stainless steel-weighing plate, **A** Painted steel base
- 1 load cell, aluminium, silicone-coated, IP65, OIML-R60-approved, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard
- Preparation for easy assembly of the ESD earthing kit on the weighing bridge



STANDARD

IP 65 1 DAY 2 DAYS

KPB 600

FACTORY

M

2 KERN KFP-V20 IP65

Platform

Features

- Stainless steel-weighing plate, **B** Painted steel base
- 1 load cell, aluminium, silicone-coated, IP65, OIML-R60-approved, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard



STANDARD

IP 65 1 DAY 2 DAYS

KPB 600

FACTORY

M

3 KERN KXP-V20 IP65

Platform

Features

- Stainless steel-weighing plate, **C** Painted steel base, extremely rigid, wing design
- 1 load cell, aluminium, silicone-coated, IP65, OIML-R60-approved, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard



STANDARD

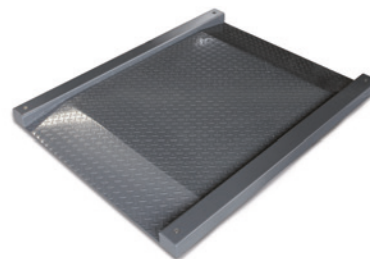
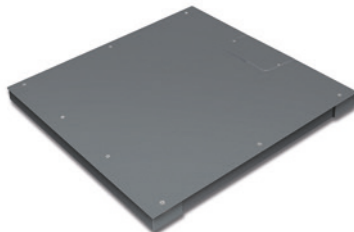
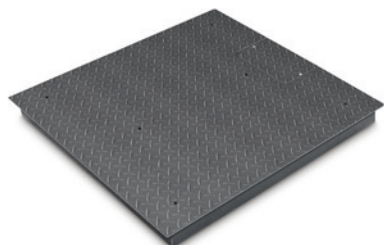
IP 65 1 DAY

FACTORY

M

Model	Weighing capacity	Readability	Verification value	Minimal load	Cable length	Net weight	Weighing plate	Price excl. of VAT ex works €
	[Max] kg	[d] g	[e] g	[Min] g	approx. m	approx. kg	W×D×H mm	
KERN								
1 Platform KBP-V20 IP65								
KBP 6V20LM	3 6	0,2	1 2	20 40	2,5	3,8	300×300×110	200,-
KBP 15V20M	6 15	0,5	2 5	40 100	2,5	3,8	300×240×110	200,-
KBP 15V20LM	6 15	0,5	2 5	40 100	2,5	7	400×300×110	220,-
KBP 30V20M	15 30	1	5 10	100 200	2,5	7	400×300×110	220,-
KBP 60V20M	30 60	2	10 20	200 400	2,5	7	400×300×110	230,-
KBP 60V20LM	30 60	2	10 20	200 400	2,5	10	500×400×120	270,-
KBP 150V20M	60 150	5	20 50	400 1000	2,5	10	500×400×120	320,-
KBP 150V20LM	60 150	5	20 50	400 1000	2,5	19	650×500×150	450,-
KBP 300V20M	150 300	10	50 100	1000 2000	2,5	19	650×500×150	480,-
KBP 600V20M	300 600	20	100 200	2000 4000	2,5	42	800×600×200	650,-
2 Platform KFP-V20 IP65								
KFP 3V20M	3	0,1	1	20	2,5	3,4	230×230×103	205,-
KFP 6V20M	6	0,2	1 2	20 40	2,5	4,4	230×230×103	185,-
KFP 6V20LM	6	0,2	1 2	20 40	2,5	3,8	300×240×105	250,-
KFP 15V20M	6 15	0,5	2 5	40 100	2,5	3,8	300×240×105	250,-
KFP 15V20LM	6 15	0,5	2 5	40 100	2,5	7	400×300×114	315,-
KFP 30V20SM	15 30	1	5 10	100 200	2,5	3,8	300×240×105	250,-
KFP 30V20M	15 30	1	5 10	20	2,5	7	400×300×114	315,-
KFP 30V20LM	15 30	1	5 10	20	2,5	10	500×400×124	395,-
KFP 60V20M	30 60	2	10 20	200 400	2,5	7	400×300×114	330,-
KFP 60V20LM	30 60	2	10 20	200 400	2,5	10	500×400×124	405,-
KFP 150V20M	60 150	5	20 50	400 1000	2,5	10	500×400×124	415,-
KFP 150V20LM	60 150	5	20 50	400 1000	2,5	19	650×500×136	600,-
KFP 300V20M	150 300	10	50 100	1000 2000	2,5	19	650×500×136	600,-
KFP 600V20AM	600	20	200	4000	2,5	42	800×600×189	910,-
3 Platform KXP-V20 IP65								
KXP 6V20LM*	3 6	0,2	1 2	20 40	3	3,8	300×240×90	310,-
KXP 15V20M*	6 15	0,5	2 5	40 100	3	6	300×240×90	320,-
KXP 15V20LM*	6 15	0,5	2 5	40 100	3	8	400×300×90	430,-
KXP 30V20M*	15 30	1	5 10	100 200	3	8	400×300×90	430,-
KXP 30V20LM*	15 30	1	5 10	100 200	3	22	500×400×125	570,-
KXP 60V20M*	30 60	2	10 20	200 400	3	11	400×300×90	440,-
KXP 60V20LM*	30 60	2	10 20	200 400	3	17	500×400×125	600,-
KXP 150V20M*	60 150	5	20 50	400 1000	3	18	500×400×125	570,-
KXP 150V20LM*	60 150	5	20 50	400 1000	3	34	650×500×135	710,-
KXP 300V20M*	150 300	10	50 100	1000 2000	3	34	650×500×135	710,-

* ONLY WHILE STOCKS LAST! **NEW** New model



4 KERN KIP-V20M

Weighing Bridge

Features

- Weighing bridge with non-slip chequer plate, lacquered, welded
- 4 Load cells, steel, silicone-coated, IP67, OIML-R60-approval for verification, class III, 3000 e
- Can be built in using pit frames (optional)
- Level indicator and levelling feet for precise levelling of the scale
- Easy access to the junction box from the top
- Comfortable levelling of the weighing bridge from the top
- Accessories see KERN BID, page 122/123

5 KERN KFP-V20 IP67

Weighing Bridge

Features

- Weighing plate screwed on from the top (models with [Max] ≤ 1500 kg), so it easy to remove, hygienic and easy to clean.
- 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, steel, silicone-coated, IP67, OIML-R60-approval for verification, class III, 3000 e
- Can be built in using pit frames (optional)
- Level indicator and levelling feet for precise levelling of the scale
- Easy access to the junction box from the top
- Comfortable levelling of the weighing bridge from the top
- Accessories see KERN BFB, page 124/125

6 KERN KFD-V20

Weighing Bridge

Features

- Weighing bridge made of non-slip corrugated steel plate, lacquered, two access ramps integrated, extremely resistant to bending
- Extremely flat construction to facilitate access: access height only 45 mm
- 4 Load cells, alloy steel, silicone-coated, IP67, OIML-R60-approved class III, 3000 e
- Accessories see KERN NFB page 133



STANDARD FACTORY

IP 67 2 DAYS M

STANDARD FACTORY

IP 67 2 DAYS M

STANDARD FACTORY

IP 67 2 DAYS M

Model	Weighing range [Max] kg	Readability [d] g	Verification value [e] g	Min. load [Min] g	Cable length approx. m	Net weight approx. kg	Weighing plate W×D×H mm	Price excl. VAT, ex works €
4 Weighing bridge KIP-V20M								
KIP 1500V20SM	1500	500	500	10000	5	130	1000×1000×108	1290,-
KIP 1500V20EM	1500	500	500	10000	5	140	1200×1000×108	1290,-
KIP 1500V20M	1500	500	500	10000	5	150	1500×1200×108	1610,-
KIP 3000V20M	3000	1000	1000	20000	5	150	1500×1200×108	1610,-
KIP 3000V20LM	3000	1000	1000	20000	5	180	1500×1500×108	1830,-
5 Weighing bridge KFP-V20 IP67								
KFP 1500V20NM	1500	500	500	10000	5	135	1500×1250×90	1950,-
KFP 3000V20NM	3000	1000	1000	20000	5	135	1500×1250×90	2250,-
KFP 3000V20LNM	3000	1000	1000	20000	5	155	1500×1500×80	2520,-
6 Weighing bridge KFD-V20								
KFD 600V20M*	600	200	200	4000	5	125	1600×1200×78	2210,-
KFD 600V20LM*	600	200	200	4000	5	155	1800×1400×80	2590,-
KFD 1500V20M*	1500	500	500	10000	5	125	1600×1200×78	2210,-
KFD 1500V20LM*	1500	500	500	10000	5	175	1800×1400×78	2590,-

* ONLY WHILE STOCKS LAST!

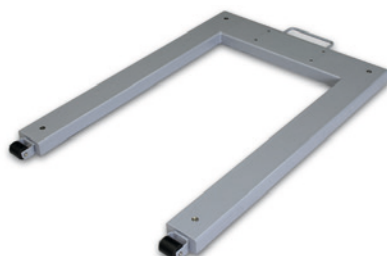


7 KERN KFA-V20

Weighing Beams

Features

- Weighing beams and painted steel base
- 4 load cells, alloy steel, silicone-coated, IP67
- Levelling feet for precise levelling of the weighing beams
- Connection cable, length 5 m
- **D** Image below: Version up to 6 t available. Each weighing beam has a roller and handle for easy transport of the scale (KERN KFA-L)
- **Special feature:** model with short weighing beams, ideal for weighing compact items or animals in transport boxes
 - ▶ KERN KFA-600V20S
- Accessories see KERN UFA, page 127

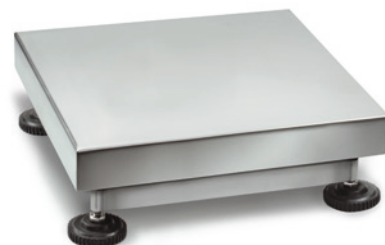


8 KERN KFU-V20/V30

U-Weighing Bridge

Features

- Load range: painted steel (V20), stainless steel (V30) height 90 mm
- 4 load cells, alloy steel, silicone-coated, IP67, OIML-R60-approval for verification, class III, 3000 e
- 2 rollers and handle for easy transport of the scale
- Accessories KFU-V20 see KERN UFB, page 130
- Accessories KFU-V30 see KERN UFN, page 131



9 KERN KFP-V30

Platform

Features

- Stainless steel-weighing plate,
 - E** Stainless steel substruction
- 1 load cell, Stainless steel, silicone-coated, IP67, OIML-approved, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale



STANDARD
 IP 67
 2 DAYS

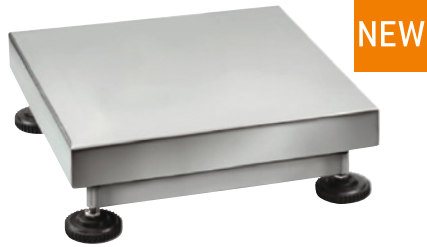
STANDARD
 IP 67
 2 DAYS
M FACTORY



STANDARD
 IP 67
 1 DAY
M FACTORY

Model	Weighing range [Max] kg	Readability [d] g	Verification value [e] g	Min. load [Min] g	Cable length approx. m	Net weight approx. kg	Weighing plate W×D×H mm	Price excl. VAT, ex works €
7 Weighing beams KFA-V20								
KFA 600V20S*	600	200	-	-	5	30	800×120×100	820,-
KFA 1500V20*	1500	500	-	-	5	36	1200×120×100	900,-
KFA 3000V20*	3000	1000	-	-	5	36	1200×120×100	1100,-
KFA 3000V20L*	3000	1000	-	-	5	65	2000×120×100	1350,-
KFA 6000V20*	6000	2000	-	-	5	85	1200×160×80	1470,-
KFA 6000V20L*	6000	2000	-	-	5	125	2100×160×85	1870,-
8 U-Weighing bridge KFU-V20								
KFU 600V20M	600	200	200	4000	5	55	840×1350×90	1180,-
KFU 1500V20M	1500	500	500	10000	5	55	840×1350×90	1150,-
8 Stainless steel U-Weighing bridge KFU-V30								
KFU 1500V30M*	1500	500	500	10000	5	55	840×1350×90	1780,-
9 Stainless steel platform KFP-V30								
KFP 15V30M	15	1	5	100	2,5	5,0	300×240×100	700,-
KFP 30V30SM	30	10	10	200	2,5	5,0	300×240×100	690,-
KFP 30V30M	30	1	10	200	2,5	10	400×300×128	760,-
KFP 60V30M	60	2	20	400	2,5	10	400×300×128	760,-
KFP 60V30LM	60	5	20	400	2,5	10	500×400×137	950,-
KFP 60V30XLM	60	5	20	400	2,5	22	650×500×142	1370,-
KFP 150V30SM	150	10	50	1000	2,5	10	400×300×128	710,-
KFP 150V30M	150	10	50	1000	2,5	10	500×400×137	940,-
KFP 150V30LM	150	10	50	1000	2,5	22	650×500×135	1280,-
KFP 300V30M	300	20	100	2000	2,5	22	650×500×135	1200,-

I * ONLY WHILE STOCKS LAST!



10 KERN KFP-V40 IP68
Stainless steel platform

Features

- Platform: entirely out of stainless steel
- 1 load cell, stainless steel, encapsulated, IP68, OIML R60 approval for verification, class III, 3000 e
- Level indicator and levelling feet for accurate levelling of the balance



11 KERN KFP-V40 IP68
Stainless steel weighing bridge

Características

- Weighing bridge entirely made of stainless steel, extremely resistant to bending because of its high material thickness
- **G** Weighing plate fixed with stainless steel screws, for easier access to the loadcells from above
- 4 Load cells, stainless steel, encapsulated, IP68, OIML R60 approval for verification, Class III, 3000 e
- Can be built in using pit frames (optional)
- Level indicator and levelling feet for accurate levelling of the balance
- Comfortable levelling of the weighing bridge from the top
- Accessories see KERN BFN, page 126



12 KERN KFD-V40 IP68
Stainless steel weighing bridge

Características

- Weighing bridge made from stainless steel, two integrated access ramps, extremely resistant to bending
- Extremely flat construction to facilitate access: access height only 45 mm
- 4 Load cells, stainless steel, encapsulated, IP68, OIML R60 approval for verification, Class III, 3000 e
- Level indicator and levelling feet for accurate levelling of the balance
- Accessories see KERN NFN, page 134



STANDARD FACTORY

IP 68 1 DAY **M**

STANDARD FACTORY

IP 68 2 DAYS **M**

STANDARD FACTORY

IP 68 2 DAYS **M**

Model	Weighing capacity	Readability	Verification value	Minimal load	Cable length	Net weight	Weighing plate	Price
	[Max] kg	[d] g	[e] g	[Min] g	approx. m	approx. kg	W×D×H mm	excl. of VAT ex works €
10 Stainless steel platform KFP-V40 IP68								
KFP 6V40M NEW	6	0,5	1 2	20	3	5,0	300×240×104	900,-
KFP 15V40M NEW	15	1	2 5	40	3	5,0	300×240×104	900,-
KFP 15V40LM NEW	15	1	2 5	40	3	5,0	400×300×107	930,-
KFP 30V40M NEW	30	2	5 10	100	3	8	400×300×107	930,-
KFP 30V40LM NEW	30	2	5 10	100	3	8	500×400×107	1010,-
KFP 60V40M NEW	60	5	10 20	200	3	8	400×300×120	950,-
KFP 60V40LM NEW	60	5	10 20	200	3	10	500×400×124	1050,-
KFP 150V40M NEW	150	10	20 50	400	3	10	500×400×124	1050,-
KFP 150V40LM NEW	150	10	20 50	400	3	22	650×500×136	1330,-
KFP 300V40M NEW	300	20	50 100	1000 2000	3	22	650×500×136	1250,-
11 Stainless steel weighing bridge KFP-V40 IP68								
KFP 3000V40M	3000	1000	1000	20000	5	135	1500×1250×80	4540,-
12 Stainless steel weighing bridge KFD-V40 IP68								
KFD 600V40M* NEW	600	200	200	4000	5	130	1600×1200×78	4080,-
KFD 1500V40M* NEW	1500	500	500	10000	5	130	1600×1220×95	4050,-

1 * ONLY WHILE STOCKS LAST! **NEW** New model



CP P4 · CP Y4
Single-point load cells made of anodised aluminium

Technical data

- CP P4: Accuracy in accordance with OIML R60 C3
- CP Y4: Accuracy in accordance with OIML R60 C2
- CE and RoHS compliant
- Dust and spray protection to IP65 (in accordance with EN 60529)
- Aluminium, anodised
- Suitable for price-computing scales, bench scales, platform scales, etc.
- Maximum platform size 200×200 mm
- 4-wire connection
- Nominal sensitivity: 0,9 mV/V
- Cable length approx. 0,4 m

CP P1 · CP Y1
Single-point load cells made of anodised aluminium

Technical data

- CP P1: Accuracy in accordance with OIML R60 C3
- CP Y1: Accuracy in accordance with OIML R60 C2
- CE and RoHS compliant
- Dust and spray protection to IP65 (in accordance with EN 60529)
- Aluminium, anodised
- Suitable for price-computing scales, bench scales, platform scales, etc.
- Maximum platform size 250×350 mm
- 4-wire connection
- Nominal sensitivity: 2 mV/V
- Note: Version in accordance with OIML R60 C4 or C5 on request

CP P3
Single-point load cells made of anodised aluminium

Technical data

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP65 (in accordance with EN 60529)
- Suitable for price-computing scales, bench scales, platform scales, etc.
- Maximum platform size 350×400 mm
- 4-wire connection
- Nominal sensitivity: 2 mV/V
- Note: Version in accordance with OIML R60 C4 on request
- Cable length approx. 3 m

STANDARD OPTION

IP 65 1 DAY DAKkS ISO +3 DAYS +4 DAYS

STANDARD OPTION

IP 65 M 1 DAY DAKkS ISO +3 DAYS +4 DAYS

CP P1

STANDARD OPTION

IP 65 1 DAY DAKkS ISO +3 DAYS +4 DAYS

Model	Nominal load	Price excl. of VAT ex works
	kg	€
SAUTER		
CP 300-0P4	0,3	65,-
CP 600-0P4	0,6	65,-

Model	Nominal load	Price excl. of VAT ex works
	kg	€
SAUTER		
ECO design		
CP 300-0Y4	0,3	55,-
CP 1500-0Y4	1,5	55,-
CP 3000-0Y4	3	55,-

Model	Nominal load	Cable length	Price excl. of VAT ex works
	kg	m	€
SAUTER			
CP 3-3P1	3	0,4	60,-
CP 3-2-3P1	3	2	74,-
CP 5-3P1	5	0,4	60,-
CP 6-3P1	6	0,4	60,-
CP 8-3P1	8	0,4	60,-
CP 10-3P1	10	0,4	60,-
CP 10-3-3P1	10	3	78,-
CP 15-3P1	15	0,4	60,-
CP 15-3-3P1	15	3	78,-
CP 20-3P1	20	0,4	60,-
CP 30-3P1	30	0,4	60,-
CP 35-3P1	35	0,4	60,-
CP 35-3-3P1	35	3	78,-
CP 40-3P1	40	0,4	60,-
CP 50-3P1	50	0,4	60,-
CP 50-2-3P1	50	2	74,-

NEW New model

Model	Nominal load	Cable length	Price excl. of VAT ex works
	kg	m	€
SAUTER			
ECO design (without EC type approval)			
CP 3-2Y1	3	0,4	33,-
CP 5-2Y1	5	0,4	33,-
CP 10-2Y1	10	0,4	33,-
CP 15-2Y1	15	0,4	33,-
CP 20-2Y1	20	0,4	33,-
CP 30-2Y1	30	0,4	33,-

Model	Nominal load	Price excl. of VAT ex works
	kg	€
SAUTER		
CP 30-3P3	30	76,-
CP 40-3P3	40	76,-
CP 50-3P3	50	76,-
CP 75-3P3	75	76,-
CP 100-3P3	100	77,-

Tip

Further details and technical data sheet as well as an extensive range of accessories can be found at the internet



CP P2 · CP P8
Single-point load cell of aluminium

Technical data

- Accuracy in accordance with OIML R60 C3
- RoHS compliant
- Dust and spray protection to IP65 (in accordance with EN 60529)
- Aluminium, anodised
- Suitable for price-computing scales, bench scales, etc.
- Maximum platform size 100–300 kg: 400×400 mm
- Maximum platform size 400–500 kg: 450×450 mm
- Nominal sensitivity: 2 mV/V
- Note: Version in accordance with OIML R60 C4 or C5 on request
- Cable length CP P2: 2 m
Cable length CP P8: 3 m

CP P7
Single-point load cells of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- RoHS compliant
- Dust and spray protection to IP67 (in accordance with EN 60529)
- Stainless steel
- Application example: Weight as well as compressive force measurements under harsh environmental conditions
- Suitable for bench scales, price-computing scales
- Maximum platform size 400×400 mm
- 6-wire connection
- Nominal sensitivity: 2 mV/V
- Note: Version in accordance with OIML R60 C4 on request
- Cable length approx. 1 m

CP P9
Single-point load cells of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- RoHS compliant
- Dust and spray protection to IP68/IP69K (in accordance with EN 60529), welded to create a hermetic seal
- Stainless steel
- Area of application: Weight measurement as well as compressive force in harsh environments
- Suitable for platform scales, checkweighers
- Maximum platform size 10–50 kg: 400×400 mm
- Maximum platform size 100–500 kg: 800×800 mm
- 4-wire connection (10–50 kg)
- 6-wire connection (100–500 kg)
- Nominal sensitivity: 2 mV/V
- Note: Version in accordance with OIML R60 C4 or C5 on request
- Cable length approx. 3 m

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STANDARD OPTION

IP 65 1 DAY +3 DAYS +4 DAYS

STANDARD OPTION

IP 67 1 DAY +3 DAYS +4 DAYS

STANDARD OPTION

IP 68 IP 69K M 1 DAY +3 DAYS +4 DAYS

Model	Nominal load	Price excl. of VAT ex works
SAUTER	kg	€
CP 100-3P2	100	81,-
CP 150-3P2	150	81,-
CP 200-3P2	200	81,-
CP 300-3P2	300	81,-
CP 400-3P2	400	81,-
CP 500-3P2	500	81,-
CP 50-3P8	50	123,-
CP 100-3P8	100	123,-
CP 150-3P8	150	123,-
CP 200-3P8	200	123,-
CP 250-3P8	250	123,-
CP 300-3P8	300	123,-
CP 500-3P8	500	123,-
CP 600-3P8	600	123,-

Model	Nominal load	Price excl. of VAT ex works
KERN	kg	€
CP 30-3P7	30	270,-
CP 50-3P7	50	270,-
CP 75-3P7	75	270,-
CP 100-3P7	100	270,-
CP 150-3P7	150	270,-

Model	Nominal load	Price excl. of VAT ex works
SAUTER	kg	€
CP 10-3P9	10	380,-
CP 20-3P9	20	380,-
CP 50-3P9	50	380,-
CP 100-3P9	100	570,-
CP 200-3P9	200	580,-
CP 300-3P9	300	580,-
CP 400-3P9	400	580,-
CP 500-3P9	500	580,-

Tip

Further details and technical data sheet as well as an extensive range of accessories can be found at the internet

ONLY WHILE STOCKS LAST!



Fig. shows accessories, load corner **1** SAUTER CE Q42901, for further accessories please visit our online shop



CR Q1 Load cells made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C1
- RoHS compliant
- Dust and spray protection to IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: Weight measurement as well as compressive force
- Suitable for vehicle scales, funnel scales, vehicle testing equipment, test stands
- Nominal sensitivity: 2 mV/V
- Cable length approx. 10 m

Accessories CR Q1:

- **1** Load corner, steel, galvanised, suitable for CR Q1 with nominal load ≤ 10 t, SAUTER CE Q42901, **€ 265,-**
- Load corner, steel, galvanised, suitable for CR Q1 with nominal load ≥ 20 t, SAUTER CE Q42902, **€ 420,-**
- Load corner, steel, rustproof, suitable for CR Q1 with nominal load ≤ 10 t, SAUTER CE RQ42901, **€ 475,-**
- Load corner, steel, rustproof, suitable for CR Q1 with nominal load ≥ 20 t, SAUTER CE RQ42902, **€ 810,-**

CR P1 Load cells made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- RoHS compliant
- Dust and spray protection to IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: Weight measurement as well as compressive force
- Suitable for truck scales, suspended scales, silo scales and other diverse scales, test stands, etc.
- Nominal sensitivity: 1-2 mV/V, depending on nominal load
- Cable length up to 1000 kg: 3 m
Cable length from 2000 kg: 6 m

Accessories CR P1:

- Load corner for CR 1000-3P1, CR 250-3P1, CR 500-3P1 Steel, incl. pressure piece, SAUTER CE P244011, **€ 600,-**
- Pressure piece for CR 1000-3P1, CR 250-3P1, CR 500-3P1 steel, SAUTER CE P244012, **€ 115,-**
- Load corner for CR 2000-3P1 steel, rustproof, incl. pressure piece, SAUTER CE P244021, **€ 720,-**
- Pressure piece for CR 2000-3P1 steel, rustproof SAUTER CE P244022, **€ 125,-**

CR Y1 Load cells made of alloyed steel

Technical data

- High precision (comprehensive Error 0,05 % F.S.)
- Accuracy in accordance with OIML R60 C1
- RoHS compliant
- Dust and spray protection to IP68 (in accordance with EN 60529), hermetically encapsulated
- Stainless steel
- Area of application: for weight, tensile and compressive force measurement
- Suitable for weight measurement as well as force and force test stands
- Force transmission via pressure piece or threaded hole
- Nominal sensitivity: 2 mV/V
- Pressure piece included in delivery
- Thread for pressure piece or other force application: up to 5000 kg M16×1,5, from 10000 kg M32×1,5
- Cable length approx. 3 m

Tip
Further details and technical data sheet as well as an extensive range of accessories can be found at the internet

STANDARD
IP 68 1 DAY
OPTION
ISO +4 DAYS

STANDARD
IP 68 1 DAY
OPTION
DAkkS +3 DAYS ISO +4 DAYS

STANDARD
IP 68 1 DAY
OPTION
DAkkS +3 DAYS ISO +4 DAYS

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CR 2500-1Q1	2,5 t/25 kN	285,-
CR 5000-1Q1	5 t/50 kN	285,-
CR 10000-1Q1	10 t/100 kN	285,-
CR 20000-1Q1	20 t/200 kN	560,-
CR 30000-1Q1	30 t/300 kN	560,-

** up to max. 25 t/250 kN

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CR 60-3P1	60 kg/0,6 kN	930,-
CR 130-3P1	130 kg/1,3 kN	980,-
CR 250-3P1	250 kg/2,5 kN	890,-
CR 500-3P1	500 kg/5 kN	860,-
CR 1000-3P1	1000 kg/10 kN	860,-
CR 2000-3P1	2000 kg/20 kN	860,-

* up to max. 500 kg/5 kN

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CR 500-1Y1	0,5 t/5 kN	270,-
CR 1000-1Y1	1 t/10 kN	270,-
CR 5000-1Y1	5 t/50 kN	270,-
CR 10000-1Y1	10 t/100 kN	430,-
CR 20000-1Y1	20 t/200 kN	430,-

* up to max. 500 kg/5 kN



Fig. shows accessories, base plate **1** SAUTER CE Q30903 and bearings **2** SAUTER CE Q30904, for further accessories please visit our online shop



Fig. shows optional accessories load corner **3** SAUTER CE P4022

CB Q1 · CB Q2
Bending beam and shear beam
load cells made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP68/IP69K (in accordance with EN 60529), welded to create a hermetic seal
- Stainless steel
- Area of application: Weight measurement as well as compressive force in harsh environments
- Suitable for platform scales, funnel scales, floor scales and other weighing devices
- 4-wire connection
- Nominal sensitivity: 2 mV/V
- Cable length approx. 3 m
- Note: Accuracy class OIML R60 C6 or EX version on request

CB P1
Load cells made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP67 (in accordance with EN 60529), hermetically encapsulated
- Nickel-plated steel
- Area of application: Weight measurement as well as compressive force in harsh environments
- Suitable for platform scales, silo scales, bed scales and other diverse scales
- 4-wire connection
- Nominal sensitivity: 3 mV/V
- Cable length approx. 4 m

Accessories CB Q1 · CB Q2:

- Traction device, steel, galvanised, suitable for CB Q1, SAUTER CE Q30901, **€ 85,-**
- Traction device, steel, rustproof, suitable for CB Q2, SAUTER CE Q34905, **€ 90,-**
- **1** Base plate, steel, galvanised, suitable for CB Q1, SAUTER CE Q30903, **€ 100,-**
- Base plate, steel, rustproof, suitable for CB Q1, SAUTER CE RQ30903, **€ 190,-**
- Base plate, steel, rustproof, suitable for CB Q2, SAUTER CE Q34903, **€ 95,-**
- **2** Bearing, steel, rustproof, suitable for CB Q1 (nominal load 5 kg–50 kg), SAUTER CE Q30904, **€ 120,-**
- Bearing, steel, rustproof, suitable for CB Q1 (nominal load 75 kg–300 kg), SAUTER CE Q30905, **€ 120,-**
- Bearing, steel, rustproof, suitable for CB 500-3Q1, SAUTER CE Q30906, **€ 205,-**
- Bearing, steel, rustproof, suitable for CB 750-3Q2, CB 1000-3Q2, CB 1500-3Q2, SAUTER CE Q34906, **€ 190,-**
- Load corner, steel, galvanised, suitable for CB Q1, SAUTER CE Q30907, **€ 220,-**
- Load corner, steel, rustproof, suitable for CB Q1, SAUTER CE RQ30907, **€ 315,-**
- Adjustable foot, steel, rustproof, suitable for SAUTER CE Q34901, **€ 70,-**

Accessories CB P1:

- Adjustable foot, steel, nickel-plated, load base M12 for CT 500-3P1, CT 1000-3P1 and CT 1500-3P1, SAUTER CE P2012, **€ 27,-**
- **3** Load corner, steel, nickel-plated for CT 500-3P1, CT 1000-3P1 and CT 1500-3P1, SAUTER CE P4022, **€ 195,-**
- Spacer plates for bending beam CB P1 made of steel, SAUTER CE P3012, **€ 9,-**

STANDARD: IP 68, IP 69K, 1 DAY
 OPTION: DAKkS +3 DAYS, ISO +4 DAYS

Model	Nominal load	Price excl. of VAT ex works
SAUTER	kg	€
CB 5-3Q1	5	230,-
CB 10-3Q1	10	230,-
CB 20-3Q1	20	230,-
CB 30-3Q1	30	230,-
CB 50-3Q1	50	230,-
CB 75-3Q1	75	230,-
CB 100-3Q1	100	230,-
CB 150-3Q1	150	230,-
CB 200-3Q1	200	230,-
CB 250-3Q1	250	230,-
CB 300-3Q1	300	230,-
CB 500-3Q1	500	230,-
CB 750-3Q2**	750	240,-
CB 1000-3Q2**	1000	240,-
CB 1500-3Q2**	1500	240,-

! ** ONLY WHILE STOCKS LAST! * up to max. 500 kg

STANDARD: IP 67, M, 1 DAY
 OPTION: DAKkS +3 DAYS, ISO +4 DAYS

Model	Nominal load	Price excl. of VAT ex works
SAUTER	kg	€
CB 100-3P1	100	114,-
CB 250-3P1	250	114,-



Fig. shows optional accessories load corner **1** SAUTER CE RQ35903



Fig. shows optional accessories load corner **2** SAUTER CE P4022

CT Q1 Shear beam made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP68/IP69K (in accordance with EN 60529), welded to create a hermetic seal
- Stainless steel
- Area of application: Weight measurement as well as compressive force in harsh environments
- Suitable for platform scales, funnel scales, flush-mounted floor scales and other weighing devices
- 6-wire connection
- Nominal sensitivity: 2 mV/V
- Cable length approx. 5 m
- Note: EX version on request

STANDARD OPTION

IP 68	IP 69K	1 DAY	+3 DAYS	+4 DAYS

*

Model	Nominal load kg	Price excl. of VAT ex works €
SAUTER		
CT 300-3Q1	300	220,-
CT 500-3Q1	500	220,-
CT 750-3Q1	750	220,-
CT 1000-3Q1	1000	220,-
CT 1500-3Q1	1500	220,-
CT 2000-3Q1	2000	220,-
CT 3000-3Q1	3000	435,-
CT 5000-3Q1	5000	435,-
CT 7500-3Q1	7500	570,-
CT 10000-3Q1	10000	570,-

* up to max. 500 kg

CT P1 · CT P2 Load cells made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP67 (in accordance with EN 60529), welded to create a hermetic seal
- Nickel-plated steel
- Area of application: Weight measurement as well as compressive force in harsh environments
- Suitable for platform scales, funnel scales, flush-mounted floor scales and other weighing devices
- 4-wire connection
- Nominal sensitivity: 3 mV/V
- Cable length up to 1000 kg: 4 m
Cable length from 1500 kg: 6 m
- Note: EX version, 6-wire connection and accuracy class C4 or C5 on request
- **CT P2:** Delivery with calibrated characteristic value, if several cells are ordered, this means significantly less effort when aligning the corners of a platform

STANDARD OPTION

IP 67	M	1 DAY	+3 DAYS	+4 DAYS

*

Model	Nominal load kg	Price excl. of VAT ex works €
SAUTER		
CT 500-3P1	500	98,-
CT 1000-3P1	1000	98,-
CT 1500-3P1	1500	98,-
CT 2500-3P1	2500	119,-
CT 3000-3P1	3000	119,-
CT 5000-3P1	5000	119,-
CT 10000-3P1	10000	173,-
CT 500-3P2	500	103,-
CT 1000-3P2	1000	103,-
CT 3000-3P2	3000	125,-
CT 5000-3P2	5000	124,-
CT 10000-3P2	10000	178,-

* up to max. 500 kg

Accessories CT Q1:

- Base plate, steel, rustproof, suitable for CT Q1, SAUTER CE RQ35911, **€ 200,-**
- Base plate, steel, rustproof, suitable for CT 3000-3Q1, CT 5000-3Q1, SAUTER CE RQ35912, **€ 200,-**
- Base plate, steel, rustproof, suitable for CT 7500-3Q1, CT 10000-3Q1, SAUTER CE RQ35919, **€ 860,-**
- Bearing, steel, rustproof, suitable for CT Q1, SAUTER CE RQ35909, **€ 165,-**
- Bearing, steel, rustproof, suitable for CT 3000-3Q1, CT 5000-3Q1, SAUTER CE RQ35910, **€ 320,-**
- Bearing, steel, rustproof, suitable for CT 7500-3Q1, CT 10000-3Q1, SAUTER CE RQ35918, **€ 390,-**
- Load corner, steel, rustproof, suitable for CT Q1, SAUTER CE RQ35902, **€ 420,-**
- **1** Load corner, steel, rustproof, suitable for CT 3000-3Q1, CT 5000-3Q1, SAUTER CE RQ35903, **€ 620,-**

Accessories CT P1 · CT P2:

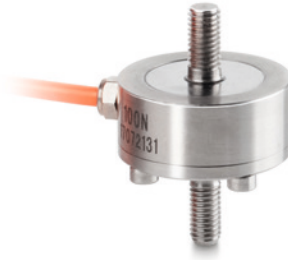
- Load corner, steel, rustproof, suitable for CT 10000-3P1, CT 10000-3P2, SAUTER CE P40210, **€ 510,-**
- **2** Load corner, steel, nickel-plated, suitable for CT 500-3P1, CT 1000-3P1, CT 1500-3P1, SAUTER CE P4022, **€ 195,-**
- Load corner, steel, nickel-plated, suitable for CT 2500-3P1, CT 3000-3P1, CT 5000-3P1, SAUTER CE P4025, **€ 260,-**
- Adjustable foot, steel, rustproof, suitable for CT 500-3P1, CT 1000-3P1, CT 1500-3P1, SAUTER CE P2012, **€ 27,-**
- Adjustable foot, steel, rustproof, suitable for CT 2500-3P1, CT 3000-3P1, CT 5000-3P1, SAUTER CE P2018, **€ 38,-**
- Adjustable foot, steel, rustproof, suitable for CT 10000-3P1, SAUTER CE P2024, **€ 113,-**
- Spacer plate for CT 500-3P1, CT 500-3P2, CT 1000-3P1, CT 1000-3P2 and CT 1500-3P1, SAUTER CE P3012, **€ 9,-**
- Spacer plate for CT 2500-3P1, CT 3000-3P1, CT 3000-3P2, CT 5000-3P1 and CT 5000-3P2 SAUTER CE P3015, **€ 8,-**
- Spacer plate for CT 10000-3P1 and CT 10000-3P2 SAUTER CE P30110, **€ 27,-**



CO Y1
Miniature Button-Type Load Cells
made of stainless steel

Technical data

- Accuracy in accordance with OIML G5
- High precision (comprehensive Error 0,05 % F.S.)
- RoHS compliant
- Dust and spray protection to IP65/IP67
- Scope of application: compressive force applications
- Suitable for Weight measurement as well as force and force test benches
- Nominal sensitivity: 1.0 – 1.5 mV/V
- Cable length approx. 2 m



CO Y2
Miniature Button-Type Load Cells
made of stainless steel

Technical data

- Accuracy in accordance with OIML G5
- High precision (comprehensive Error 0,05 % F.S.)
- RoHS compliant
- Dust and spray protection to IP65
- Scope of application: for tensile and compressive force measurement
- Suitable for Weight measurement as well as force and force test benches
- Nominal sensitivity: 1,5 – 2 mV/V, depending on nominal load
- Cable length approx. 2 m



CO Y5
Tension and compression load cells
made of stainless steel

Technical data

- Accuracy in accordance with OIML R60 G1
- CE and RoHS compliant
- Dust and spray protection to IP66 (in accordance with EN60529)
- Stainless steel
- Very low design
- Suitable for test stands, force gauges, automation systems, etc.
- 4-wire connection
- Nominal sensitivity:
CO 0.5-Y5, CO 1-Y5: 1 mV/V
CO 5-Y5, CO 10-Y5: 2 mV/V
- Cable length approx. 2 m

Tip

Further details and technical data sheet as well as an extensive range of accessories can be found at the internet

STANDARD	OPTION
	**

STANDARD	OPTION
	**

STANDARD	OPTION
	not CO 0.5-Y5

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CO 10-Y1	10 kg/100 N	170,-
CO 20-Y1	20 kg/200 N	170,-
CO 50-Y1	50 kg/500 N	170,-
CO 100-Y1	100 kg/1 kN	170,-
CO 200-Y1	200 kg/2 kN	170,-
CO 500-Y1	500 kg/5 kN	200,-
CO 1000-Y1	1000 kg/10 kN	200,-
CO 2000-Y1	2000 kg/20 kN	235,-

** up to 500 kg/5 kN

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CO 10-Y2	10 kg/100 N	250,-
CO 20-Y2	20 kg/200 N	250,-
CO 50-Y2	50 kg/500 N	250,-
CO 100-Y2	100 kg/1 kN	310,-
CO 200-Y2	200 kg/2 kN	310,-
CO 500-Y2	500 kg/5 kN	310,-
CO 1000-Y2	1000 kg/10 kN	310,-
CO 2000-Y2	2000 kg/20 kN	345,-

** up to 500 kg/5 kN

Model	Nominal load	Price excl. of VAT ex works €
SAUTER		
CO 0.5-Y5	0,5 kg/5 N	365,-
CO 1-Y5	1 kg/10 N	365,-
CO 5-Y5	5 kg/50 N	365,-
CO 10-Y5	10 kg/100 N	365,-



CJ P4



CJ P4PG



CJ X467



CJ X468

CJ P
Junctionbox for connecting several measuring cells to one evaluation unit

Technical data

- Prepared for 4-wire and 6-wire load cells
- Models available for 2 or 4 load cells
- Robust aluminium die-cast housing
- Protection against dust and spray IP65

CJ X
Junctionbox for connecting several measuring cells to one evaluation unit

Technical data

- Prepared for 4-wire and 6-wire load cells
- Models available for 4 load cells

CJ X467:

- Robust stainless steel housing with protection against dust and water splashes IP67

CJ X468:

- Robust aluminium die-cast housing with protection against dust and water splashes IP68

STANDARD



Model	Number of connection options	Price excl. of VAT ex works €
SAUTER		
CJ P2	2	87,-
CJ P4	4	87,-
CJ P4PG	4	98,-

STANDARD



CJ X467 CJ X468

Model	Number of connection options	Price excl. of VAT ex works €
SAUTER		
CJ X467	4	220,-
CJ X468	4	130,-

Tip
 Further details and technical data sheet as well as an extensive range of accessories can be found at the internet

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