Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory, with optional verification

Features

- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, hermetically welded stainless steel load cell with protection against dust and water splashes IP68
- Display device: stainless steel, dust and splash water protection IP68, integrated power supply
- Ideal for the increased hygienic requirements in the food industries
- Superior display size: digit height 48 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- 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, Bluetooth)
- Each interface can be set up separately, e.g.:
  - Interface 1 (WiFi): Continuous sending to a 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
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers (for details see page 19)
- 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

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, stainless steel
  - A 300×240×107 mm
  - B 400×300×111 mm
  - C 400×300×123 mm
  - D 500×400×120 mm
  - E 500×400×126 mm
  - F 650×500×139 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

A

E

1

Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- Stand to be screwed onto the platform Height of stand approx. 330 mm, KERN SXC-A01
  1 Height of stand approx. 600 mm, KERN SFB-A01
- Internal data interface RS-232, interface cable included, KERN KUM-01
- Internal data interface USB, interface cable included, KERN KUM-03
- Internal data interface Ethernet, interface cable included, KERN KUM-04
- Internal data interface WiFi, KERN KUM-05

- Internal data interface Bluetooth, KERN KUM-06
- Analogue module, KERN KUM-08
- Memory module with real time clock (alibi memory), KERN YMM-06
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01
- Signal lamp for visual support of weighing with tolerance range (only in combination with Data interface RS-232 KERN YKUM-01), KERN CFS-A03
- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models with weighing plate size
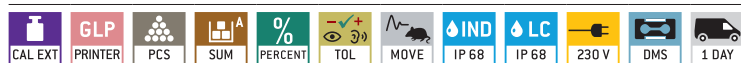
B, **C** KERN YRO-01
D, **E** KERN YRO-02
F KERN YRO-03
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD

| CAL EXT | GLP PRINTER | PCS | SUM | PERCENT | TOL | MOVE | IP 68 IND | IP 68 LC | 230 V | DMS | 1 DAY |

OPTION

| ET | DAkkS +3 DAYS |

FACTORY

| ALIBI | RS 232 * | USB * | BT * | WIFI * | ANALOG * | LAN | ACCU | M +3 DAYS SXC-M |

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

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Options Verification M|||I KERN	DAkkS Calibr. Certificate DAkkS KERN
SXC 6K-4	6	0,5	-	-	6	A	-	963-128
SXC 10K-3	15	1	-	-	7	A	-	963-128
SXC 10K-3L	15	1	-	-	12	B	-	963-128
SXC 30K-3	30	2	-	-	12	B	-	963-128
SXC 30K-3L	30	2	-	-	22	D	-	963-128
SXC 60K-3	60	5	-	-	12	C	-	963-129
SXC 60K-3L	60	5	-	-	22	E	-	963-129
SXC 100K-2	150	10	-	-	12	E	-	963-129
SXC 100K-2L	150	10	-	-	20	F	-	963-129
SXC 300K-2	300	20	-	-	20	F	-	963-129

Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

SXC 6K-3M	3 | 6	1 | 2	1 | 2	20 | 40	7	A	965-228	963-128
SXC 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	7	A	965-228	963-128
SXC 10K-3LM	6 | 15	2 | 5	2 | 5	40 | 100	8	B	965-228	963-128
SXC 30K-3M	15 | 30	5 | 10	5 | 10	100 | 200	11	B	965-228	963-128
SXC 30K-3LM	15 | 30	5 | 10	5 | 10	100 | 200	12	D	965-228	963-128
SXC 60K-2M	30 | 60	10 | 20	10 | 20	200 | 400	11	C	965-229	963-129
SXC 60K-2LM	30 | 60	10 | 20	10 | 20	200 | 400	12	E	965-229	963-129
SXC 100K-2M	60 | 150	20 | 50	20 | 50	400 | 1000	12	E	965-229	963-129
SXC 100K-2LM	60 | 150	20 | 50	20 | 50	400 | 1000	20	F	965-229	963-129
SXC 300K-2M	150 | 300	50 | 100	50 | 100	1000 | 2000	20	F	965-229	963-129

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.