Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation, with optional verification

Features

- Tough industry standard suitable for use in harsh industrial applications
- 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
- Available as an option with alibi memory for pa-

perless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Display device: stainless steel, protection against dust and water splashes IP68, integrated power supply
- Superior display size: digit height 48 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions, stainless steel
  - **A** W×D×H 300×240×109 mm
  - **B** W×D×H 400×300×117 mm, see larger picture
  - **C** W×D×H 500×400×127 mm
  - **D** W×D×H 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

IoT-Line Platform Scale with Stainless Steel Display Device KERN IXC

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Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- Stand to elevate display device
  ❶ Height of stand approx. 330 mm, KERN IXC-A01
  ❷ Height of stand approx. 600 mm, not suitable for models with weighing plate size Ⓐ, KERN IXC-A02
- 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 KUM-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
  Ⓑ KERN YRO-01
  Ⓒ KERN YRO-02
  Ⓓ KERN YRO-03
- Further details, plenty of further accessories and suitable printers see *Accessories*

❸ 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

STANDARD

| CAL EXT | KCP PROTOCOL | GLP INTERN | PCS | SUM | PERCENT | TOL | MOVE | LC IP 65 | IND IP 68 | 230 V | DMS | 1 DAY |

YMM-06

OPTION | FACTORY

| ET | DAkkS +3 DAYS | ALIBI | RS 232 | USB | BT | WIFI | ANALOG | LAN | ACCU | M +3 DAYS |

❸ (RS 232, USB, BT, WIFI, ANALOG, LAN)   IXC-M

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Ⓘ KERN	DAkkS Calibr. Certificate DAkkS KERN
IXC 6K-4	6	0,2	-	-	6	Ⓐ	-	963-128
IXC 10K-4	15	0,5	-	-	6	Ⓐ	-	963-128
IXC 10K-4L	15	0,5	-	-	7	Ⓑ	-	963-128
IXC 30K-3	30	1	-	-	8	Ⓑ	-	963-128
IXC 30K-3L	30	1	-	-	11	Ⓒ	-	963-128
IXC 60K-3	60	2	-	-	7	Ⓑ	-	963-129
IXC 60K-3L	60	2	-	-	11	Ⓒ	-	963-129
IXC 100K-3	150	5	-	-	11	Ⓒ	-	963-129
IXC 100K-3L	150	5	-	-	19	Ⓓ	-	963-129
IXC 300K-3	300	10	-	-	20	Ⓓ	-	963-129

Multi-range balance, 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

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Verification MⒾ KERN	DAkkS KERN
IXC 6K-3M	3 | 6	1 | 2	1 | 2	20 | 40	6	Ⓐ	965-228	963-128
IXC 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	6	Ⓐ	965-228	963-128
IXC 10K-3LM	6 | 15	2 | 5	2 | 5	40 | 100	7	Ⓑ	965-228	963-128
IXC 30K-3M	15 | 30	5 | 10	5 | 10	100 | 200	7	Ⓑ	965-228	963-128
IXC 30K-3LM	15 | 30	5 | 10	5 | 10	100 | 200	11	Ⓒ	965-228	963-128
IXC 60K-2M	30 | 60	10 | 20	10 | 20	200 | 400	7	Ⓑ	965-229	963-129
IXC 60K-2LM	30 | 60	10 | 20	10 | 20	200 | 400	11	Ⓒ	965-229	963-129
IXC 100K-2M	60 | 150	20 | 50	20 | 50	400 | 1000	11	Ⓒ	965-229	963-129
IXC 100K-2LM	60 | 150	20 | 50	20 | 50	400 | 1000	18	Ⓓ	965-229	963-129
IXC 300K-2M	150 | 300	50 | 100	50 | 100	1000 | 2000	20	Ⓓ	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.