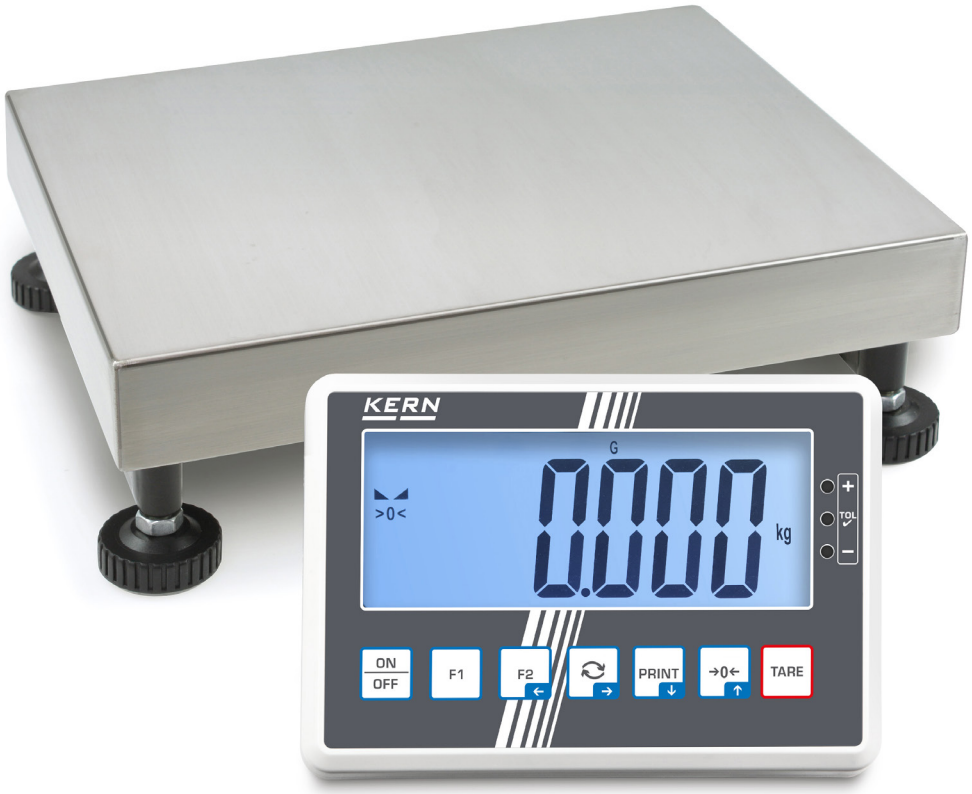


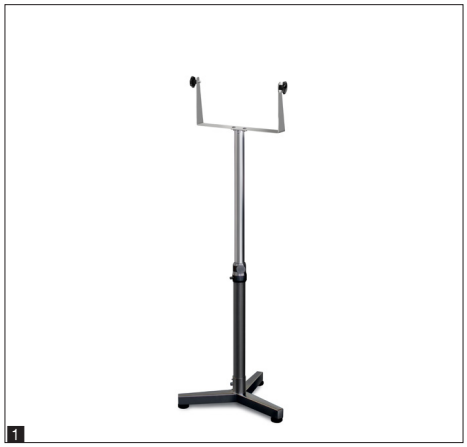
The new IFC: Robust industrial scales with up to three interfaces, with optional verification

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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay. Available as an option: RS-232, USB, Ethernet, 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
- 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
- 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
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Simplified battery replacement through easily-accessible housing. Particularly advantageous for models with optional verification, as the verification seal remains intact
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65 (**F** IP65)
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions
  - **A** W×D×H 230×230×106 mm
  - **B** W×D×H 300×240×109 mm
  - **C** W×D×H 400×300×117 mm (see larger picture)
  - **D** W×D×H 500×400×127 mm
  - **E** W×D×H 650×500×139 mm
  - **F** W×D×H 800×600×192 mm
- Dimensions of display device W×D×H 220×145×65 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C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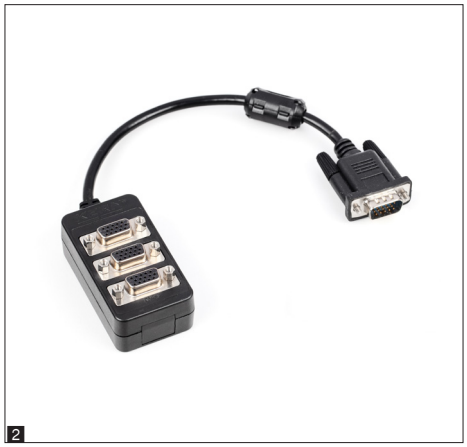
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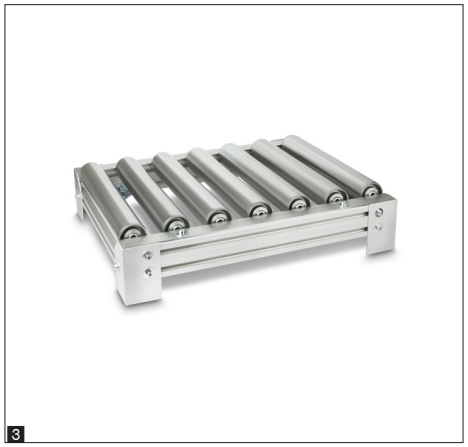
3

Accessories

- Protective working cover, scope of delivery 5 items, KERN YBA-A18S05
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- 1 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Column for screwing the display device to the platform, for models with weighing plate size A – F Height of stand approx. 330 mm, KERN IFB-A01
  C, D, E, F Height of stand approx. 600 mm, KERN IFB-A02
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- WiFi interface adapter, KERN KUP-05
- Bluetooth interface adapter, KERN KUP-06
- Analogue module, KERN KUP-08
- 2 * Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module (alibi memory), KERN YMM-04
- 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, connection is only possible in combination with KUP-01 (RS-232 interface), KERN CFS-A03
- 3 Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models ≥30 kg [Max] with weighing plate size
  C KERN YRO-01
  D KERN YRO-02
  E KERN YRO-03

STANDARD

CAL EXT · KUP · KCP PROTOCOL · GLP INTERN · PCS · SUM · % PERCENT · TOL · MOVE · LC IP 65 (A–E) · LC IP 67 (F) · B MULTI · DMS · 1 DAY (A–E) · 2 DAYS (F)

OPTION

ET · RS 232 * · USB * · BT 4.0 * · WIFI * · D/A ANALOG * · LAN * · ACCU · DAkkS +3 DAYS

FACTORY

ALIBI · M +3 DAYS IFC-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 MIII KERN	Options: DAkkS Calibr. Certificate DAkkS KERN
IFC 3K-4	NEW	3	0,1	-	-	4,6	A	-	963-127
IFC 6K-4S	NEW	6	0,2	-	-	4,6	A	-	963-128
IFC 6K-4	NEW	6	0,2	-	-	5,0	B	-	963-128
IFC 10K-4	NEW	15	0,5	-	-	5,0	B	-	963-128
IFC 10K-4L		15	0,5	-	-	8	C	-	963-128
IFC 30K-3		30	1	-	-	8	C	-	963-128
IFC 60K-3		60	2	-	-	7	C	-	963-129
IFC 60K-3L		60	2	-	-	10	D	-	963-129
IFC 150K-3	NEW	150	5	-	-	11	D	-	963-129
IFC 150K-3L	NEW	150	5	-	-	18	E	-	963-129
IFC 300K-2	NEW	300	10	-	-	20	E	-	963-129
IFC 600K-2		600	20	-	-	40	F	-	963-130
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].									
IFC 6K1DSM	NEW	3 | 6	1 | 2	1 | 2	20 | 40	4,6	A	965-228	963-128
IFC 6K1DM	NEW	3 | 6	1 | 2	1 | 2	20 | 40	6	B	965-228	963-128
IFC 15K2DM	NEW	6 | 15	2 | 5	2 | 5	40 | 100	5,0	B	965-228	963-128
IFC 15K2DLM	NEW	6 | 15	2 | 5	2 | 5	40 | 100	7	C	965-228	963-128
IFC 30K5DM		15 | 30	5 | 10	5 | 10	100 | 200	8	C	965-228	963-128
IFC 60K10DM		30 | 60	10 | 20	10 | 20	200 | 400	7	C	965-229	963-129
IFC 60K10DLM		30 | 60	10 | 20	10 | 20	200 | 400	10	D	965-229	963-129
IFC 150K20DM		60 | 150	20 | 50	20 | 50	400 | 1000	10	D	965-229	963-129
IFC 150K20DLM		60 | 150	20 | 50	20 | 50	400 | 1000	20	E	965-229	963-129
IFC 300K50DM	NEW	150 | 300	50 | 100	50 | 100	1000 | 2000	20	E	965-229	963-129
IFC 600K100DM	NEW	300 | 600	100 | 200	100 | 200	2000 | 4000	44	F	965-230	963-130

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.

NEW New model