

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


A


F

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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 220×150×66,5 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

STANDARD



OPTION



FACTORY



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 MID KERN	Options Calibr. Certificate DAkkS accr. KERN
IFC 3K-4	3	0,1	-	-	4,6	A	-	963-127
IFC 6K-4S	6	0,2	-	-	4,6	A	-	963-128
IFC 6K-4	6	0,2	-	-	6	B	-	963-128
IFC 10K-4	15	0,5	-	-	6	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	150	5	-	-	11	D	-	963-129
IFC 150K-3L	150	5	-	-	18	E	-	963-129
IFC 300K-2	300	10	-	-	18	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	3 | 6	1 | 2	1 | 2	20 | 40	4,8	A	965-228	963-128
IFC 6K1DM	3 | 6	1 | 2	1 | 2	20 | 40	6	B	965-228	963-128
IFC 15K2DM	6 | 15	2 | 5	2 | 5	40 | 100	5,0	B	965-228	963-128
IFC 15K2DLM	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	18	E	965-229	963-129
IFC 300K50DM	150 | 300	50 | 100	50 | 100	1000 | 2000	18	E	965-229	963-129
IFC 600K100DM	300 | 600	100 | 200	100 | 200	2000 | 4000	40	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.