

KERN IFB 300K-2

High-resolution industrial scale in heavy version



Display backlight	✓
Display segments	5 + 1/2
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimensions completely mounted (W×D×H)	810×500×820 mm
Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing surface (W×D)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×139 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	600 mm
Stand inclinable	✓
Wall mount	✓
Display device cable length	3 m
Load cells - number	1

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Smallest piece weight when piece counting - laboratory conditions	10 g
Smallest piece weight when piece counting - normal conditions	100 g
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	IP65

Category

Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	IFB

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,04 kg
Resolution	30.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (F2)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,05 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg
Units	kg g lb Hj, tj lb:oz
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

Display

Display type	LCD
--------------	-----

KERN IFB 300K-2



High-resolution industrial scale in heavy version

Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
--	------------------------

Auto-off interval(s) in mains power mode	off 5 min 15 min
--	------------------------

Tare function	manual (single & multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
------------	--

EasyTouch (ET) - Compatibility	vollständig
--------------------------------	-------------

EasyTouch (ET) - Connection type	RS232 (+optionale Schnittstellen)
----------------------------------	-----------------------------------

Power Supply

Supplied power supply	Power supply unit
-----------------------	-------------------

Plug-in power supply type	Power adapter
---------------------------	---------------

Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
---	------------------

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
---	-------------------------------

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
--	---------------------------

Input voltage device / power [Max]	12 V, 500 mA
------------------------------------	--------------

Battery / accumulator type	Pb
----------------------------	----

Battery	no battery
---------	------------

Rechargeable battery operating time - backlight on	8 h
--	-----

Rechargeable battery operating time - backlight off	35 h
---	------

Rechargeable battery charging time	12 h
------------------------------------	------

Rechargeable battery optional	Rchrg. battery optional
-------------------------------	-------------------------

Environmental conditions

Ambient temperature [Min]	-10 °C
---------------------------	--------

Ambient temperature [Max]	40 °C
---------------------------	-------

Humidity of environment [Min]	0 %
-------------------------------	-----

Humidity of environment [Max]	80 %
-------------------------------	------

Approval

CE mark	✓
---------	---

Services (optional)

Article number for adjustment at the location of installation	961-249
---	---------

Article number for DAkKS calibration	963-129
--------------------------------------	---------

Article number for certificate of conformity (verification)	969-517
---	---------

Packing & Shipping

Delivery time	1 d
---------------	-----

Dimensions packaging (W×D×H)	675×1050×250 mm
------------------------------	-----------------

Net weight	20 kg
------------	-------

Shipping method	Parcel service
-----------------	----------------

Net weight approx.	20 kg
--------------------	-------

Gross weight approx.	26 kg
----------------------	-------

Shipping weight	35,4 kg
-----------------	---------

Pictograms

STANDARD



OPTION



FACTORY

