



## Accessories

- · Protective working cover, scope of delivery 5 items, KERN YBA-A18S05
- · Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- · Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01
- · Pair of base plates to fix the weighing bridge to the floor, KERN BFS-A06N
- 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
- · Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- · Memory module (alibi memory), KERN YMM-04
- **1** Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03
- · Further details, plenty of further accessories and suitable printers see Accessories

Networkable drive-through scale (IP67), verification optional

### Features

STANDARD

- · Drive-through scale for rapid weighing of e.g. wire cage trolleys, shelf trolleys, transpallets, mobile containers, containers refuse etc.
- Weighing bridge: out of anti-slip corrugated steel, 4 silicone-coated steel load cells, IP67 dust and spray protection
- · Display device: for details see KERN KFC-TM
- · IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- 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
- · Protective working cover included with delivery

### **Technical data**

- Large backlit LCD display, digit height 48 mm
- · Dimensions weighing surface, steel, powder-coated
- A W×D 1000×1000 mm (Without ramps) **B** W×D 1200×1200 mm (Without ramps)
- Overall dimensions W×D×H
- A 1600×1220×95 mm
- **B** 1800×1420×95 mm
- · Platform height in the drive-through area: 80 mm
- Dimensions of display device W×D×H 220×145×65 mm
- · Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

CAL EXT	KUP	KCP PROTOCOL	GLP INTERN	PCS	SUM	PERCENT	UNIT	⊙ 🧿 ୬ TOL	MOVE	• PT IP 67	<b>LC</b> IP 67	MULTI	DMS	2 DAYS	
OPTION					_		_		FACTOR	RΥ					
ET	RS 232	USB	BT 4.0	((r WIFI	D/A ANALOG		ACCU	DAkks +3 days	ALIBI	<b>N</b> +3 DA	YS				

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

Model	Weighing	Readability	Minimal load	Net weight	Weighing	Options			
	capacity	= Verification value		approx.	plate	Verification	DAkkS Calibr. Certificate		
	[Max]	[d] = [e]	[Min]			MII	DAkkS		
KERN	kg	kg	kg	m		KERN	KERN		
NFC 600K-1M	600	0,2	4	140	А	965-230	963-130		
IFC 600K-1LM	600	0,2	4	165	В	965-230	963-130		
NFC 1.5T-4M	1500	0,5	10	140	A	965-230	963-130		
NFC 1.5T-4LM	1500	0,5	10	155	В	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. Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

/Pallet Scales/Drive-through Scales

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# KERN Pictograms



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CAL EXT

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ET

Internal adjusting Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)



EasyTouch Suitable for the connection, data transmission and control through PC or tablet

Memory MEMORY

Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.



Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.

Alibi memory



#### **KERN Universal Port** (KUP) allows the connection of

external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort



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RS 485

**RS-232 Data interface** To connect the balance to a printer, PC or network

**RS-485 Data interface** To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



**USB** Data interface To connect the balance to a printer, PC or other peripherals



Bluetooth\* Data interface To transfer data from the balance to a printer, PC or other peripherals



WIFI Data interface To transfer data from the balance to a printer, PC or other peripherals



**Control outputs** (optocoupler, digital I/O) To connect relays, signal lamps, valves, etc.



Analogue interface to connect a suitable peripheral device for analogue processing of the measurements





Hold function

When the weighing

(Animal weighing program)

conditions are unstable, a

stable weight is calculated



Weighing principle **Tuning fork** 



A resonating body is electromagnetically excited,



Weighing principle Electromagnetic force

causing it to oscillate

compensation Coil inside a permanent magnet. For the most accurate weighings



Weighing principle Single cell technology Advanced version of the force compensation principle with the highest

level of precision



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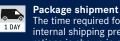
**Conformity Assessment** The time required for conformity assessment is specified in the pictogram

AkkS 3 DAYS	DAkkS calibration possible (DKD) The time required for DAkkS calibration is shown in days in the pictogram



2 DAYS

Factory calibration (ISO) The time required for Factory calibration is shown in days in the pictogram



The time required for internal shipping preparations is shown in days in the pictogram

# Pallet shipment

È The time required for internal shipping preparations is shown in days in the pictogram

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· ?» TOL



www.imlab.eu - info@imlab.eu

Weighing with tolerance range (Checkweighing)

Upper and lower limit-

ing can be programmed

individually, e.g. for sorting and dosing. The process

is supported by an audible

or visual signal, see the relevant model

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