# **BALANCES & TEST SERVICE 2024**

Parcel Scales, Platform Scales



Industrial Platform Scale KERN EOC



Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



Weighing instead of counting! Because the counting function is so easy to use, you can rapidly record large numbers of small parts – which saves time and money Practical Flip/Flop display device: flexible positioning e.g. free-standing or screwed to the wall (optional). By rotating the upper housing shell you can determine the angle of the display as well as the cable outlet. Factory Option for an additional cost, delivery time + 2 working days, KERN KIB-M01, see Accessories on the right, please indicate when placing your order



## **BALANCES & TEST SERVICE 2024**

Parcel Scales, Platform Scales



## Industrial Platform Scale KERN EOC



### Features

STANDARD

11

- 200

CAL EXT RS 232 PROTOCOL PRINTER

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- IPlatform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65. Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Benchtop stand incl. wall mount for display device as standard

GLP



- Protective working cover included with delivery
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.

## Technical data

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MOVE

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TOL

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SUM

PCS

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, W×D×H
  300×300×110 mm
  500×400×120 mm
  600×500×150 mm
  950×500×60 mm

OPTION

ACCU

DAkk

- · Dimensions of display device
- W×D×H 268×115×80 mm

IP 65



Permissible ambient temperature -10 °C/40 °C

### Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01
- If or models with weighing plate size II II: Stand to be screwed onto the platform, height of stand approx.330 mm, KERN EOC-A05
- Mount to fasten the display device to the platform, KERN EOC-A03
- Benchtop stand incl. wall mount for display device, KERN EOC-A04
- Modification of the display device, to move the cable outlet to the front of the display device, ideal e.g. for subsequent wall installation of the display device (standard configuration ex works: rear outlet), Factory Option, delivery time
   + 2 working days, KERN KIB-M01

CAL EXI RS 252 FROID				1	II DM3 IDA	ACCO 4	-5 DATS		
Model	Weighing	Readability	Repro-	Linearity	Smallest part	Cable length	Net weight	Weighing	Options
	capacity		ducibility		weight	spiral cable*		plate	DAkkS Calibr. Cert.
	[Max]	[d]			(Normal)	approx.	approx.		DAkkS
KERN	kg	g	g	g	g/piece	m	kg		KERN
Multi-range	e balance with								ge [Max] and readout [d]
			when the load i	s fully removed	d, the balance :	switches back	to the lowe	r range	
EOC 10K-4	6   15	0,2   0,5	0,2   0,5	± 0,6   1,5	5	3	6	Α	963-128
EOC 30K-4	15   35	0,5   1	0,5   1	± 1,5   3	10	3	9	В	963-128
EOC 30K-4S	15   35	0,5   1	0,5   1	± 1,5   3	10	3	6	Α	963-128
EOC 60K-3	30   60	1   2	1   2	±3 6	20	3	7	Α	963-129
EOC 60K-3L	30   60	1   2	1   2	±3 6	20	3	9	В	963-129
EOC 100K-3	60   150	2   5	2   5	±6 15	50	3	6	Α	963-129
EOC 100K-3L	60   150	2   5	2   5	±6 15	50	3	9	В	963-129
EOC 300K-3	150   300	5   10	5   10	± 15   30	100	3	9	В	963-129
			Mult	i-range balanc	e without high-	resolution dis	play		
EOC 6K-3	3   6	1   2	1   2	±3 6	2,5	3	6	Α	963-128
EOC 10K-3	6   12	2   5	2   5	± 6   15	5	3	6	Α	963-128
EOC 30K-3	15   35	5   10	5   10	± 15   30	10	3	6	А	963-128
EOC 30K-3L	15   35	5   10	5   10	± 15   30	10	3	9	В	963-128
EOC 60K-2	30   60	10   20	10   20	± 30   60	20	3	7	Α	963-129
EOC 60K-2L	30   60	10   20	10   20	± 30   60	20	3	9	В	963-129
EOC 100K-2	60   150	20   50	20   50	± 60   150	50	3	6	Α	963-129
EOC 100K-2L	60   150	20   50	20   50	± 60   150	50	3	9	В	963-129
EOC 100K-2XL	60   150	20   50	20   50	± 60   150	50	3	19	C	963-129
EOC 100K-2XXL	60   150	20   50	20   50	± 60   150	100	*2,7	17	D	963-129
EOC 300K-2	150   300	50   100	50   100	± 150   300	100	3	9	В	963-129
EOC 300K-2L	150   300	50   100	50   100	± 150   300	100	3	19	C	963-129
EOC 6K-4A	6	0,5	0,5	± 1,5	2,5	3	6	А	963-128
EOC 10K-3A	12	1	1	± 3	5	3	7	А	963-128
EOC 20K-3A	24	2	2	± 6	10	3	6	А	963-128
EOC 60K-3A	60	5	5	± 15	20	3	7	А	963-129
EOC 100K-2A	120	10	10	± 30	50	3	9	В	963-129



## **BALANCES & TEST SERVICE 2024**

Interface for second

second balance

Protocol (KCP)

It is a standardized

Network interface

an Ethernet network

**KERN Communication** 

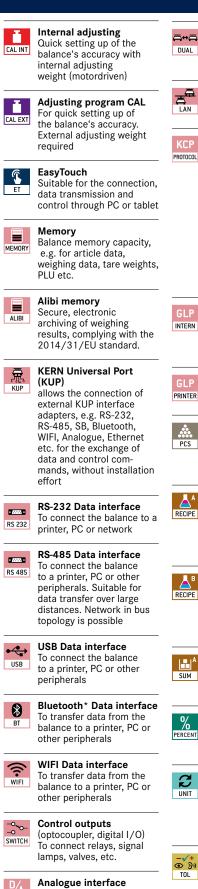
interface command set for

For direct connection of a

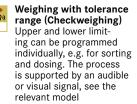
For connecting the scale to

balance

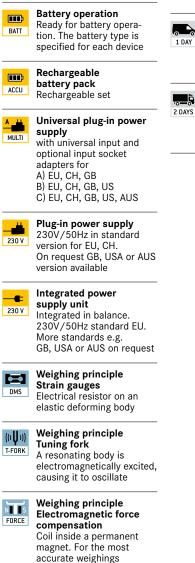
## **KERN Pictograms**

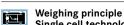












Single cell technology Advanced version of the force compensation principle with the highest level of precision

#### Conformity Assessment Μ The time required for +3 DAYS conformity assessment is specified in the pictogram

#### **DAkkS** calibration DAkkS

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



+3 DAYS

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

## Package shipment

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

### Pallet shipment

The time required for 2 DAYS internal shipping preparations is shown in days in the pictogram

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ANALOG

to connect a suitable

peripheral device for analogue processing of the measurements