## **BALANCES & TEST SERVICE 2024**

**Counting Scales, Counting Systems** 

Counting Scale KERN CXB · CXB-NM





# Entry level model into professional counting, counting resolution of 30,000 points, verification optional

### Features

- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Programmable using numerical key pad:
  required reference quantity
- known reference weight Three displays for weight display (verifiable),
- reference weight, total pieces
- Fill-to-target function: Target count or target weight can be programmed. When the target weight is reached there is an audible and visual signal
- 10 memories for reference weights
- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces

- Integrated ESD protection, which makes it ideal for weighing small plastic parts
- Energy management: Backlight turns off after 5 sec
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Two balances in one: Changes from counting mode to weighing mode at the touch of a key
- Protective working cover included with delivery

### **Technical data**

- Large backlit LCD displays, digit height 18 mm
- Weighing plate dimensions, stainless steel,  $$\rm W{\times}D$$  300 ${\times}225~\rm mm$
- Overall dimensions W×D×H, 300×330×110 mm

- Rechargeable battery pack integrated, as standard, operating time up to 200 h without backlight, charging time approx. 8 h
- Net weight approx. 4,0 kg
- + Permissible ambient temperature -10  $^{\circ}\text{C}/\text{40}$   $^{\circ}\text{C}$

#### Accessories

965-228

965-228

- Protective working cover, scope of delivery 5 items, KERN CXB-A01S05
- Internal rechargeable battery pack, operating time up to 200 h without backlight, charging time approx. 8 h, KERN GAB-A04

Note: Official verification is mandatory for commercial trade

963-128

963-128

| STANDARD       | OPTION | FACTORY |      |         |     |       |         |         |
|----------------|--------|---------|------|---------|-----|-------|---------|---------|
|                |        |         |      | <b></b> |     |       | DAkkS   | Μ       |
| CAL EXT MEMORY | PCS    | SUM     | ACCU | 230 V   | DMS | 1 DAY | +3 DAYS | +3 DAYS |
|                |        |         |      |         |     |       |         | CYP NM  |

5

10

15

30

5

10

100

200

| Model        | Weighing           | Readability      | Verification   | Minimal load Smallest part |              | t Counting       | Options                      |                            |
|--------------|--------------------|------------------|----------------|----------------------------|--------------|------------------|------------------------------|----------------------------|
|              | capacity           |                  | value          |                            | weight       | resolution       | Verification                 | DAkkS Calibr. Certificate  |
|              | [Max]              | [d]              | [e]            | [Min]                      | (Normal)     |                  | MII                          | DAkkS                      |
| KERN         | kg                 | g                | g              | g                          | g/piece      | Points           | KERN                         | KERN                       |
| CXB 3K0.2    | 3                  | 0,2              | -              | -                          | 1            | 30.000           | -                            | 963-127                    |
| CXB 6K0.5    | 6                  | 0,5              | -              | -                          | 2            | 30.000           | -                            | 963-128                    |
| CXB 15K1     | 15                 | 1                | -              | -                          | 5            | 30.000           | -                            | 963-128                    |
| CXB 30K2     | 30                 | 2                | -              | -                          | 10           | 30.000           | -                            | 963-128                    |
| Note: For de | vices that require | verification (co | onformity asse | essment acco               | rding to NAW | 2014/31/EU), ple | ease include the verificatio | n 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. CXB 3K1NM 963-127 30.000 965-227 3 20 1 1 1 CXB 6K2NM 6 2 2 40 2 30.000 965-228 963-128

5

10



CXB 15K5NM

**CXB 30K10NM** 

30.000

30.000

# **BALANCES & TEST SERVICE 2024**

Interface for second

second balance

Protocol (KCP)

It is a standardized

Network interface

an Ethernet network

**KERN Communication** 

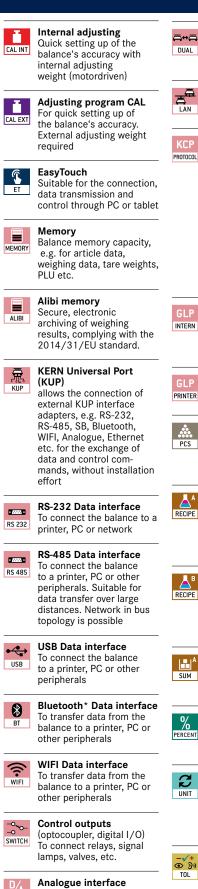
interface command set for

For direct connection of a

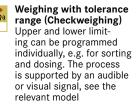
For connecting the scale to

balance

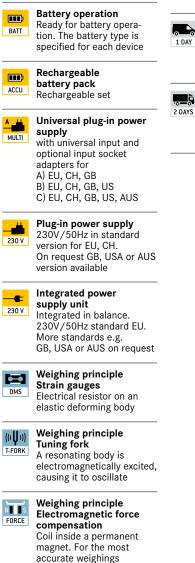
#### **KERN Pictograms**

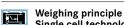












Single cell technology Advanced version of the force compensation principle with the highest level of precision

#### 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