PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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# KERN CFS 6K0.1

Professional, high-resolution counting scale with 100 item memories and second balance interface, counting resolution up to 75,000 points

ENGLISH




## CONTACT


**KERN & SOHN GmbH**
**Ziegelei 1**
**72336 Balingen**
**Germany**

**+49 7433 9933-0**
**info@kern-sohn.com**
**www.kern-sohn.com**

## APPLICATION EXAMPLE





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## FEATURES

- Precise, intuitive to use and digital – with our counting scales you can accelerate your annual stock taking processes and thus save time and money
- 100 item memories for master data such as reference weight, reference quantity, container weight (PRE-TARE) etc.
- 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, reference weight, total pieces
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Fill-to-target function: Programmable target quantity or target weight e.g. for checkweighing. A signal will be displayed when the target value is reached
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Second balance interface to construct a high-resolution counting system, standard, e.g. with weighing bridges of KERN KFP V20
- Protective working cover included with delivery

## TECHNICAL DATA

- Large backlit LCD displays, digit height 20 mm
- Dimensions weighing surface, stainless steel, W×D 295×225 mm
- Overall dimensions 315×350×100 mm
- Net weight approx. 3,2 kg
- Permissible ambient temperature 0 °C/40 °C

## MAIN SCOPE OF APPLICATIONS

- Warehouse logistics
- Industrial applications
- Production monitoring
- Quality control
- Counting applications
- Order picking and inventory

## PICTOGRAMS

Standard




Option




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## MODEL OVERVIEW

| Model | Weighing capacity [Max] | Readability [d] | Smallest part weight (Normal) | Counting resolution Points | Dimensions weighing surface |
|---|---|---|---|---|---|
| CFS 6K0.1 | 6 kg | 0,0001 kg | 1 g | 60.000 | 295×225 mm |
| CFS 15K0.2 | 15 kg | 0,0002 kg | 2 g | 75.000 | 295×225 mm |
| CFS 30K0.5 | 30 kg | 0,0005 kg | 5 g | 60.000 | 295×225 mm |
| CFS 50K-3 | 50 kg | 0,001 kg | 10 g | 50.000 | 370×240 mm |
| CFS 300-3 | 300 g | 0,001 g | 10 mg | 300.000 | 80 mm |
| CFS 3K-5 | 3000 g | 0,01 g | 100 mg | 300.000 | 295×225 mm |

## ACCESSORIES

| Model | Description |
|---|---|
| AFH 13 | Converter RS232 to USB AFH 13 |
| CFS-A01 | RS232 interface cable CFS-A01 |
| CFS-A02 | Protective working cover CFS-A02 |
| CFS-A02S05 | Protective working cover CFS-A02S05, scope of delivery: 5 items |
| CFS-A03 | Signal lamp KERN CFS-A03 |
| CFS-A04 | RS-232 Y-interface cable CFS-A04 |
| GAB-A04 | Rechargeable battery pack GAB-A04 (Pb) |
| PFB-A02 | Power adapter PFB-A02 (12 V, 500 mA \| 100 V - 240 V, 50 / 60 Hz \| EURO, CH) |

| Model | Description |
|---|---|
| PFB-A03 | Power adapter PFB-A03 (12 V, 500 mA \| 100 V - 240 V, 50 / 60 Hz \| UK) |
| PFB-A04 | Power adapter PFB-A04 (12 V, 500 mA \| 100 V - 240 V \| US) |
| RFS-A02 | Stainless steel fruit pan RFS-A02 |
| YKA-11 | Power adapter YKA-11 (12 V, 500 mA \| 100 - 240 V~ 50/60 Hz 190 mA \| EURO, AUS, UK, US, CH) |
| YKC-01 | Thermal printer YKC-01 |
| YKG-01 | Dot Matrix Printer YKG-01 |
| YKI-10 | RS232-Ethernet adapter YKI-10 (RS-232 standard, Ethernet, RS-485) |
| YKI-11 | RS232-Ethernet adapter YKI-11 (Ethernet, RS-232 standard - 2x) |
| YKI-12 | RS232-WiFi adapter YKI-12 |
| YKT-01 | Needle printer YKT-01 |



## SOFTWARE

| Model | Description |
|---|---|
| SCD-4.0-DL | Software SCD-4.0-DL (Scope of supplies: Download link for 1 license) |
| SCD-4.0-DLS05 | Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses) |
| SCD-4.0-PRO-DL | Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license) |
| SCD-4.0-PRO-DL-AS05 | Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses) |

## SERVICES

| Model | Description |
|---|---|
| 963-128 | DAkkS calibration certificate 963-128 |
| 969-517 | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517 |
| 970-015 | Warranty extension (+3 years) 970-015 |

# KERN Pictogram Overview

| | |
|---|---|
|  | External adjustment: Adjusting accuracy using external adjustment weight |
|  | Memory: Device-internal memory capacity, e.g. for article data, measuring data, tare weights, PLU etc. |
|   | Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible |
|   | KERN Communication Protocol (KCP): a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems |
|  | Piece counting: Reference quantities selectable. Display can be switched from piece to weight |
|  | Sum function: The weight values of weighed items can be added together and the total printed out |
|  | Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS |
|  | Weighing principle Strain gauges: Electrical resistor on an elastic deforming body |
|   | Package shipment by courier service: The duration of internal product provision is one day |
|  | Rechargeable battery pack: Rechargeable set |
|   | Accredited calibration (DKD): The duration of the accredited calibration is 3 working days |

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