PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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# KERN EW 2200-2NM

The classic balance with robust tuning fork measuring system

ENGLISH




## CONTACT

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## FEATURES

- CAL adjustment program for adjusting precision, external test weights available separately (see test weights)
- Stable temperature behaviour
- Short stabilisation time
- Shock proof construction
- High corner load performance
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- Totalising of pieces when counting
- Protective working cover included with delivery

## TECHNICAL DATA

- Large LCD display, digit height 17 mm
- Dimensions weighing surface, W×D 180×160 mm, stainless steel
- Overall dimensions 180×235×75 mm
- Net weight approx. 3,0 kg
- Permissible ambient temperature 10 °C/30 °C

## MAIN SCOPE OF APPLICATIONS

- Pharmacies (non-medical)
- Chemical industry
- Gold and precious metals trading
- Cosmetics industry
- Laboratory applications

## PICTOGRAMS

Standard | Option | Factory




## MODEL OVERVIEW

| Model | Weighing capacity [Max] | Readability [d] | Reproducibility | Linearity | Dimensions weighing surface |
|---|---|---|---|---|---|
| EW 220-3NM | 220 g | 0,001 g | 0,001 g | ± 0,002 g | 118 mm |

| Model | Weighing capacity [Max] | Readability [d] | Reproducibility | Linearity | Dimensions weighing surface |
|---|---|---|---|---|---|
| EW 420-3NM | 420 g | 0,001 g | 0,001 g | ± 0,003 g | 118 mm |
| EW 620-3NM | 620 g | 0,001 g | 0,001 g | ± 0,003 g | 118 mm |
| EW 820-2NM | 820 g | 0,01 g | 0,01 g | ± 0,01 g | 170×140 mm |
| EW 2200-2NM | 2200 g | 0,01 g | 0,01 g | ± 0,01 g | 180×160 mm |
| EW 4200-2NM | 4200 g | 0,01 g | 0,01 g | ± 0,02 g | 180×160 mm |
| EW 6200-2NM | 6200 g | 0,01 g | 0,01 g | ± 0,03 g | 180×160 mm |
| EW 12000-1NM | 12000 g | 0,1 g | 0,1 g | ± 0,2 g | 180×160 mm |



## ACCESSORIES

| Model | Description |
|---|---|
| 315-112-407 | Safety set 315-112-407, included weight 100 g (M1); 2000 g (E2) |
| 326-12 | Test weight 326-12 (OIML Class F1, Nominal value 2 kg, Eco Shape, stainless steel polished) |
| 474-926 | RS232 interface cable 474-926 |
| AFH 13 | Converter RS232 to USB AFH 13 |
| EG-A06 | Rechargeable battery pack EG-A06 (NiMH) |
| EG-A08 | Eyelet for underfloor weighing EG-A08 |
| EG-A09 | Protective working cover EG-A09 |
| EG-A09S05 | Protective working cover EG-A09S05, scope of delivery: 5 items |
| REWN-2001_2.0 | Board REWN-2001_2.0 |
| YKA-03N | Power adapter YKA-03N (9 V, 300 mA \| 100 V - 240 V, 50 / 60 Hz \| EURO, UK, US, CH) |
| YKC-01 | Thermal printer YKC-01 |
| YKG-01 | Dot Matrix Printer YKG-01 |
| YKH-01 | Thermal printer YKH-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 |
| YPS-03 | Antivibration table YPS-03 |
| YPS-04 | Anti-vibration plate KERN YPS-04 (400×450×60 mm, 30 kg) |
| YPS-05 | Anti-vibration plate KERN YPS-05 (565×450×60 mm, 42 kg) |

## 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 |
|---|---|
| 963-127 | DAkkS calibration certificate 963-127 |
| 969-517 | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517 |
| 970-105 | Warranty extension (+2 years) 970-105 |

# KERN Pictogram Overview

| | |
|---|---|
|  | External adjustment: Adjusting accuracy using external adjustment weight |
|  | Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible |
|  | Piece counting: Reference quantities selectable. Display can be switched from piece to weight |
|  | Percentage determination: determining the deviation in % from the target value (100 %) |
|  | Units can be switched to e.g. non-metric units |
|  | Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal |
|  | 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 tuning fork: A resonating body is electromagnetically excited, causing it to oscillate |
|  | Package shipment by courier service: The duration of internal product provision is one day |
|  | Suspended weighing: Load support with hook on the underside of the balance |
|  | Accredited calibration (DKD): The duration of the accredited calibration is 3 working days |
|  | Rechargeable battery pack: Rechargeable set |

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