



### KERN EW-N-EG-N *Top of the range cost-effectiveness, with EC-Type Approval (M)*



STANDARD  
EG-N only



only with printer 1



OPTION



A Ø 118 mm, illustrated  
B 170 x 142 mm  
C 180 x 160 mm

EG-NM only:  
**Internal rotary adjustment control (CAL)** on the side. Guarantees high degree of accuracy and makes the location irrelevant

**Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).

**Adjusting program (CAL):** For quick setting of the balance's accuracy. External adjusting weight required.

**Piece counting:** Reference quantities selectable. Display can be switched from piece to weight.

**Data interface:** The type of interface is shown by the pictogram. For a definition, see glossary.

**GLP/ISO record keeping of weighing data** with date, time and ident.-no. Only with printers from KERN.

**Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.

**Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.

**Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e.g. dosing / sorting.

**Suspended weighing:** load support with hook on the underside of the balance.

**Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

#### Option (additional price)

**Rechargeable battery pack:** rechargeable set.

**Weighing with tolerance range (checkweighing)**  
Input in grams, pieces or % possible. A visual signal in the display helps with the dispensing or grading

**Large LCD display**  
digit height 16 mm

**Capacity display**  
a bar graph shows the current available weighing range

**Precise counting**  
The automatic optimisation of reference weight gradually improves the average value of the piece weight

**Draft shield** standard for all models with weighing plate size [B]. Removable cover with opening for using a pipette. Weighing space WxDxH 158x130x78 mm.

**Protective working cover**  
over keyboard and housing, standard. Can be reordered, for weighing plate sizes:  
[A], [B] KERN EG-A05  
[C] KERN EG-A09

**Rechargeable battery pack**  
internal, operating time approx. 32 h, charging time approx. 12 h, charge condition indicator on display. For model **Max** ≤ 820 g, 600 ct **KERN EG-A04**  
**Max** ≥ 2200 g **KERN EG-A06**

**Loop for suspended weighing**  
For weighing plate sizes  
[A], [B] KERN EG-A07  
[C] KERN EG-A08

**Technical Data:**  
**Overall dimensions** (without draft shield) [A] – [B]: WxDxH 182x235x75 mm  
with weighing plate size [C]: WxDxH 192x265x87 mm  
**Permissible ambient temperature** +10 ... +30 °C

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### KERN – Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy **E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg**  
**DKD = German Calibration Service**



Your KERN specialist dealer



### KERN EW-N-EG-N



Weighing range **B**



Weighing range **C**



Checkweighing application in the cosmetics industry.



**Glass draught shield** with 3 sliding doors, left right and top, weighing space WxDxH 150x140x130 mm, refittable on all models with weighing plate size **A**, KERN EG-A03



**Standard printer**  
KERN YKB-01N



**Label printer**  
KERN YKL-01



**Statistics printer**  
KERN YKT-01

For all printers see page 109.

**!** Verification at the factory, we need to know the full address of the location of use.

Model KERN	Weighing range Max g	Read- out d g	Verific. value e g	Repro- duci- bility g	Linea- rity g	Weigh- ing plate	Verifi- cation KERN	OPTIONS alternative M	Certifi- cate KERN	DKD
EW 220-3NM	220	0,001	0,01	0,001	± 0,002	A	950-116 (II)		963-127	
EW 420-3NM	420	0,001	0,01	0,001	± 0,003	A	950-116 (II)		963-127	
EW 620-3NM	620	0,001	-	0,001	± 0,003	A	-		963-127	
EW 820-2NM	820	0,01	-	0,01	± 0,01	B	-		963-127	
EW 2200-2NM	2200	0,01	0,1	0,01	± 0,01	C	950-116 (II)		963-127	
EW 4200-2NM	4200	0,01	0,1	0,01	± 0,02	C	950-116 (II)		963-127	
EW 6200-2NM	6200	0,01	-	0,01	± 0,03	C	-		963-102	
EW 12000-1NM	12000	0,1	1	0,1	± 0,2	C	950-117 (II)		963-128	
<b>!</b> For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.										
EG 220-3NM	220	0,001	0,01	0,001	± 0,002	A	950-116 (II)		963-127	
EG 420-3NM	420	0,001	0,01	0,001	± 0,003	A	950-116 (II)		963-127	
EG 620-3NM	620	0,001	0,01	0,001	± 0,004	A	950-101 (I)		963-101	
EG 2200-2NM	2200	0,01	0,1	0,01	± 0,01	C	950-116 (II)		963-127	
EG 4200-2NM	4200	0,01	0,1	0,01	± 0,02	C	950-116 (II)		963-127	

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