













Standard

-  **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 page 88.
-  **GLP/ISO record keeping of weighing data** with date, time and ident.-no. Only with printers from KERN, see page 88.
-  **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.

KERN EW-N • EG-N Precision balance

Top of the range, cost-effectiveness

Order Hotline:
Go to back page of catalogue

- STANDARD**
-  only EG-N
 -  only EW-N not verified
 - 
 - 
 -  only with printer ①
 - 
 - 
 - 
 - 
 - 

- OPTION**
- 



-  Delivery 1 day
-  3 Years warranty
- OPTION**
-  Verification +7 days
-  DKD Certificate +4 days


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



Glass draft shield with 3 sliding doors, left right and top, weighing space WxDxH 150x140x130 mm, refittable on all models with weighing plate size [B].
KERN EG-A03

24

Capacity display a bar graph shows the current available weighing range


 **Precise counting** the reference optimization gradually improves the average value of the piece weighing

 **Rechargeable battery pack** internal, operating time approx. 32 h, charging time approx. 12 h, charge condition indicator on display. AUTO-OFF after 3 min to preserve the battery, can be switched off. For models with
Max ≤ 820 g, 600 ct:
KERN EG-A04
Max ≥ 2200 g:
KERN EG-A06

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

 **Threshold value programming** for check weighing. Input in grams, pieces or % possible. A visual signal in the display helps with the dispensing or grading

Loop for suspended weighing
For weighing plates sizes:
[B], [C] **KERN EG-A07**
[D] **KERN EG-A08**

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



① **Statistics printer**
KERN YKT-01

Standard printer
KERN YKB-01
For all printers see page 88

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





Standard

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

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see page 88.

GLP **GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN, see page 88.

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

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

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

Option (additional price)

AKU **Rechargeable battery pack:** rechargeable set.

Order Hotline:
Go to back page of catalogue

*Just the right product
for specialists*

KERN EW-N•EW-C
Analytical balance • Carat balance

STANDARD



OPTION



Now
with verification
value of
0.001 g



EW 120-4NM



Up to 0.001 ct,
compact,
verifiable



EW 600-C3NM

Price reduction

M **Verification value**
e 1mg

Ideal for chemists, jewellers
and other users who require
a display in verified
milligrams

**For additional
information**
see page 24

Large glass windshield
with 3 sliding doors left, right
and on top

**Carat display is
accurate to 1/1000 ct.**
The high level of accuracy
will save money wherever
you are weighing valuable
precious stones

Draft shield
with front lid which can be
turned upwards

Precious stones plate
stainless steel,
diameter
60 mm,
height 15 mm,
KERN EW-A05



Model KERN	Weighing range g Max	Read-out g d	Verific. Value g e	Repro- ducibility g g	Linearity g g	Weighing plate A	OPTIONS alternative				
							Verific. 950-xxx	M II	Certificate 963-xxx	Balance test weight	Certificate 962-xxx
EW 120-4NM*	120	0,0002	0,001	0,0002	± 0,0008	A	2	-	-127	1707	-337
EW 220-3NM	220	0,001	0,01	0,001	± 0,002	B	2	-	-127	2768	-438
EW 420-3NM	420	0,001	0,01	0,001	± 0,003	B	2	-	-127	1908	-3A2
EW 620-2NM*	620	0,001	0,01	0,001	± 0,003	B	2	-	-101	1709	-339
EW 820-2NM*	820	0,01	0,1	0,01	± 0,01	C	2	-	-101	296E	-4A2
EW 2200-2NM	2200	0,01	0,1	0,01	± 0,01	D	2	-	-127	2772	-4A2
EW 4200-2NM	4200	0,01	0,1	0,01	± 0,02	D	2	-	-127	1912	-3A2
EW 6200-2NM*	6200	0,01	0,1	0,01	± 0,03	D	2	-	-102	1713	-3A3
EW 12000-1NM	12000	0,1	1	0,1	± 0,2	D	1	-117	-128	2774	-4A4
EW 600-C3NM	600	0,001	0,01	0,003	+/- 0,003	A	2	-	-121	1707	-337
EG 220-3NM	220	0,001	0,01	0,001	± 0,002	B	1	-116	-127	-	-
EG 420-3NM	420	0,001	0,01	0,001	± 0,003	B	1	-116	-127	-	-
EG 620-3NM*	620	0,001	0,01	0,001	± 0,004	B	1	-101	-101	-	-
EG 2200-2NM	2200	0,01	0,1	0,01	± 0,01	D	1	-116	-127	-	-
EG 4200-2NM	4200	0,01	0,1	0,01	± 0,02	D	1	-116	-127	-	-

1 **Factory verification**, location of use with post code required.
2 **Verification only possible at location of use.** *Verification class
PCS piece counting with reference 10, 30, 50, 100 pieces.
UNITS Further weighing units: please refer to KERN website.

Overall dimensions (without draft shield) with weighing plate size
[A] - [C]: 182x235x75 mm. With weighing plate size [D] WxDxH:
192x265x87 mm. Permitted environmental temperature
+10 ... +30 °C.

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

