# Labor

#### 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 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 UNIT to e.g. non-metric units at the touch of a key. See balance model.



TOL 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.

## EW•EG-(N)

### Precision balance



#### KERN EW-N • EG-N Precision balance

Top of the range, cost-effectiveness

Order Hotline: Go to back page of catalogue

> Delivery 1 day

> > [c]

Years warranty

OPTION

M

Verification +7 days

DKD Certificate

+4 days





























Capacity display a bar graph shows the current available weighing

Precise counting the reference

optimization gradually improves the average value of the piece weighing



## Recharge battery pack Rechargeable

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

Price reduction

Ø 118 mm, illustrated C 170 x 142 mm D 180 x 160 mm

> over keyboard and housing, standard. Can be reordered, for weighing plate sizes:
> B, C KERN EG-A05
> D KERN EG-A09



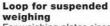
only EG-N: Internal rotary adjustment control (CAL) on the

side. Guarantees high degree of accuracy and makes the location irrelevant



# Threshold value programming

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



For weighing plates sizes:
B, C KERN EG-A07
D KERN EG-A08



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

Glass draft shield with 3 sliding doors, left right and

WxDxH 150x140x130 mm,

refittable on all models with

top, weighing space

weighing plate size B, KERN EG-A03

Calibration

Service

Your KERN specialist dealer

Distributed by:



ADVANCED APPLIED TECHNOLOGIES Contact Us:

Irl Ph: 01 4523432 UK Ph: 08452 30 40 30 Web: www.carlstuart.com Email: info@carlstuart.com

# Labor

#### Standard



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



Data interface: The type of interface is charmed 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.



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



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.

## EW • EG-(N)

Order Hotline:

Go to back page of catalogue

**Verification value** 

e 1mg

a display in verified

milligrams

Ideal for chemists, jewellers

and other users who require

## Analytical balance • Carat balance

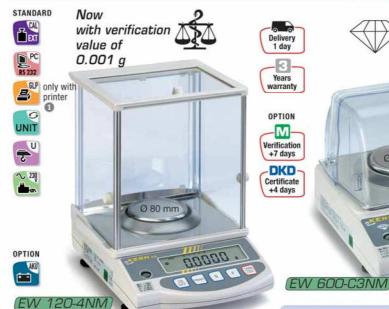


Just the right product for specialists

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

Up to 0.001 ct,

Ø 80 mm



For additional

Large glass windshield

with 3 sliding doors left, right

information

see page 24

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

Can be switched over from ct to g at the touch of

EXT compact, verifiable



STANDARD

OPTION

reduction

**Draft shield** 

with front lid which can be turned upwards

Precious stones plate

stainless steel. diameter 60 mm. height 15 mm **KERN EW-A05** 



#### **OPTIONS** alternative Verific. Repro- Linea-Model Weighing Read-Weigh-Verific. M II Certificate Balance test Certificate KERN Value duciing out Max d 0 bility plate weight 950-xxx 963-xxx 962-xxx q EW 120-4NM\* $0.0002 \ 0.001 \ 0.0002 \ \pm 0.0008$ 2 1707 -337 120 A -127 EW 220-3NM 220 0.001 0.01 0.001 $\pm 0,002$ 127 2768 438 EW 420-3NM 420 0.001 0.01 0.001 $\pm 0,003$ -127 1908 EW 620-2NM<sup>3</sup> 620 0.001 0.001 ± 0,003 -101 1709 -339 EW 820-2NM\* ± 0,01 0.01 0.1 0.01 -101 296E -4A2 2772 EW 2200-2NM 2200 0.1 0.01 $\pm 0.01$ 127 442 EW 4200-2NM 4200 0.01 0,1 0,01 $\pm 0.02$ -127 1912 -3A2 EW 6200-2NM\* 6200 0.01 0,1 0,01 $\pm 0.03$ 102 1713 -343 EW 12000-1NM 12000 0.1 0.1 $\pm 0,2$ D 2774 -444 EW 600-C3NM +/- 0,003 600 0.001 0.01 0.003 -121 1707 -337 8 EG 220-3NM $\pm 0.002$ 220 0.001 0.01 0.001 -116 -127 EG 420-3NM 420 0.001 0.01 0.001 $\pm 0,003$ -116 -127 FG 620-3NM 0.01 -101 -101 620 0.001 0.001 $\pm 0.004$ EG 2200-2NM -127 2200 0.01 0.1 0.01 $\pm 0.01$ -116 EG 4200-2NM 4200 0,01 0.1 0,01 $\pm 0.02$ -116 -127

Factory verification, location of use with post code required. 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 WxDxH: 192x265x87 mm. Permitted environmental temperature 25 +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 tes 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

Distributed by:



ADVANCED APPLIED TECHNOLOGIES Contact Us:

Irl Ph: 01 4523432 UK Ph: 08452 30 40 30 Web: www.carlstuart.com Email: info@carlstuart.com