

Precision Balances KERN EW-N · EG-N



The classic balance with robust tuning fork measuring system

Features

- KERN EG: Internal adjustment in the case of a change in temperature and time-controlled at defined intervals, guarantees high degree of accuracy and makes the balance independent of its location of use
- 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
- Draught shield standard for models with weighing plate size **A**, weighing space W×D×H 158×130×78 mm

- Protective working cover included with delivery

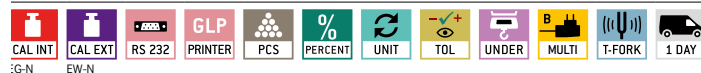
Technical data

- Large LCD display, digit height 17 mm
- Dimensions weighing surface, stainless steel
 - A** ∅ 118 mm, see larger picture
 - B** W×D 170×140 mm **C** W×D 180×160 mm
- Overall dimensions W×D×H
 - A** 185×235×165 mm **B, C** 180×235×75 mm
- Net weight
 - A** ca. 2,0 kg, **B** ca. 1,6 kg, **C** ca. 4,0 kg
- Permissible ambient temperature 10 °C/30 °C

Accessories

- Protective working cover, scope of delivery: 5 items, for models with weighing plate size
 - A, B** KERN EG-A05S05
 - C** KERN EG-A09S05
- Internal rechargeable battery pack, operating time up to 12 h with backlight, charging time approx. 12 h, for models with weighing plate size
 - A, B** KERN EG-A04
 - C** KERN EG-A06
- 2** Large glass draught shield with 3 sliding doors for easy access to the items being weighed. Weighing space W×D×H 150×140×130 mm, KERN EG-A03
- Loop for underfloor weighing, for models with weighing plate size
 - A, B** KERN EG-A07
 - C** KERN EG-A08
- Minimum weight of sample, smallest weight to be weighed, depending on the required process accuracy, only in combination with a DAkkS calibration certificate, KERN 969-103
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ), for details see page 230
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Linearity	Weighing plate	Net weight	Options	
								Verification	DAkkS Calibr. Certificate
KERN	g	g	g	g	g		kg	M	DAkkS KERN
EW 220-3NM	220	0,001	-	-	± 0,002	A	1,4	-	963-127
EW 420-3NM	420	0,001	-	-	± 0,003	A	1,4	-	963-127
EW 620-3NM	620	0,001	-	-	± 0,003	A	1,4	-	963-103
EW 820-2NM	820	0,01	-	-	± 0,01	B	1,6	-	963-127
EW 2200-2NM	2200	0,01	-	-	± 0,01	C	3,0	-	963-127
EW 4200-2NM	4200	0,01	-	-	± 0,02	C	3,0	-	963-127
EW 6200-2NM	6200	0,01	-	-	± 0,03	C	3,0	-	963-104
EW 12000-1NM	12000	0,1	-	-	± 0,2	C	3,0	-	963-128

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

EG 220-3NM	220	0,001	0,01	0,02	± 0,002	A	2,0	965-216	963-127
EG 420-3NM	420	0,001	0,01	0,02	± 0,003	A	1,8	965-216	963-127
EG 620-3NM	620	0,001	0,01	0,1	± 0,004	A	2,0	965-201	963-103
EG 2200-2NM	2200	0,01	0,1	0,5	± 0,01	C	4,0	965-216	963-127
EG 4200-2NM	4200	0,01	0,1	0,5	± 0,02	C	4,0	965-216	963-127