

Electronic Precision Balances, KERN

① Electronic pocket balance KERN CM

Pocket-sized electronic laboratory balance. High degree of mobility thanks to compact dimensions and battery operation (2 × AAA 1.5 V batteries included). The hardcase protects the balance against pressure, jarring and contamination. All balances in this line feature a pocket calculator (standard).

Model	Increment g	Weighing range g	Platform mm	Order No.
CM 60-2 N	0.01	60	80×70	64 58 86002
CM 150-1 N	0.1	150	80×70	64 58 81501
CM 320-1 N	0.1	320	80×70	64 58 83201
CM 1K1 N	1	1000	80×70	64 58 81001



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② Electronic compact balance KERN EMB

Economically-priced entry level laboratory grade model. This model line is characterized by its easy operation, the large LCD for fast, efficient reading of weight values and the integrated robust balance technology. High degree of mobility thanks to compact dimensions and battery operation (battery included). Mains adapter optionally available.

Model	Increment g	Weighing range g	Platform mm	Order No.
EMB 200-2	0.01	200	105	64 58 42202
EMB 600-2	0.01	600	105	10 58 36002
EMB 220-1	0.1	220	150	64 58 42201
EMB 500-1	0.1	500	150	10 58 35001
EMB 1200-1	0.1	1200	150	10 58 31200
EMB 2200-0	1	2200	150	64 58 42200
EMB 5.2K1	1	5200	150	10 58 30521
EMB 5.2K5	5	5200	150	64 58 42525



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Electronic precision balance KERN PCB

The new success series in the KERN precision balance programme, which stands out with its quick display and high stability of balance results. The complete series has many useful applications, such as e.g. recipe function (net-gross-balancing), counting function, display of deviation of a reference weight in % instead of in grams, animal weighing function, pre-tare function, adjusting programme CAL, alternative balancing units, dust and splash water protection IP 54, battery operation (not for models with item no. addition B), printout of GLP logs (in connection with printer KERN YKT-01) and much more. All models include a power supply unit as well as a protective cover. Optionally available: internal battery pack for bigger autonomy, LCD-second display for exposed display of balancing results, statistic thermal printer, standard thermal printer, DKD calibration certificate.

Model	Increment g	Weighing range g	Platform mm	Order No.
③ PCB 40-3	0.001	40	81	10 58 30403
③ PCB 60-3	0.001	60	81	10 58 30603
③ PCB 100-3	0.001	100	81	10 58 31003
③ PCB 160-3	0.001	160	81	10 58 31603
③ PCB 200-3B	0.001	201	81	10 58 32003
③ PCB 240-3B	0.001	241	81	10 58 32403
④ PCB 200-2	0.01	200	105	10 58 32002
④ PCB 400-2	0.01	400	105	10 58 34002
⑤ PCB 400-1	0.1	400	130×130	10 58 34001
④ PCB 600-2	0.01	600	105	10 58 36003
⑤ PCB 800-2	0.01	800	130×130	10 58 38002
⑤ PCB 1000-2	0.01	1000	130×130	10 58 31002
④ PCB 1000-1	0.1	1000	105	10 58 31001
⑤ PCB 1600-2	0.01	1600	130×130	10 58 31602
⑤ PCB 2000-2B	0.01	2010	130×130	10 58 32004
⑤ PCB 2000-1	0.1	2000	130×130	10 58 32001
⑤ PCB 2400-2B	0.01	2410	130×130	10 58 32402
PCB 4000-1	0.1	4000	170×150	10 58 34003
PCB 4000-0	1	4000	170×150	10 58 34000
PCB 6000-1	0.1	6000	170×150	10 58 36001
PCB 6000-0	1	6000	170×150	10 58 36000
PCB 8000-1	0.1	8000	170×150	10 58 38001
PCB 10K0.05B	0.05	10100	130×130	10 58 31005
PCB 10000-1	0.1	10000	170×150	10 58 31004

Statistics thermal printer KERN YKT-01, as well as standard thermal printer KERN YKB-01 see page XXX.



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Electronic precision balance KERN KB

This line is known for its simple operation, whereby the user is guided through the menu by an intuitive YES/NO dialog on the display. The ideal line when a wide weighing range and high readout precision are required. The complete line has many useful applications such as a piece count function, a recipe function (net total weighing), a percent determination function, numerical tare prededuction, alternative weighing units, underfloor weighing device (density analysis), IP 54 dust and spray water protection, battery mode, printout functionality for GLP protocols (in conjunction with the Kern YKT-01 printer). With the aid of the freely programmable weighing units (e.g. thread lengths (g/m), paper weight (g/m²), etc., the balances can be set to the individual needs of the application. All models include a power supply unit as well as a protective cover. Optionally available: external battery pack for bigger autonomy, statistic thermal printer, standard thermal printer, DKD-calibration certificate.

	Model	Increment g	Weighing range g	Platform mm	Order No.
⑥	KB 1200-2	0.01	1210	130x130	64 58 78002
⑦	KB 10000-1	0.1	10100	170x150	64 58 78001

Statistics thermal printer KERN YKT-01, as well as standard thermal printer KERN YKB-01 see page XXX.

⑧ Electronic precision balance KERN 572

The all-around talent when it comes to precision laboratory balances. Thanks to its large range from 0.001 g to 24.100 g, this model line has universal application and is thus ideal for use as a laboratory, counting, reference or control balance. The complete line has many useful applications such as a piece count function, a recipe function (net total weighing), a percent determination function (display of deviation from reference weight in percent), numerical tare prededuction, alternative weighing units, IP 54 dust and spray water protection, printout functionality for GLP protocols (in conjunction with the Kern YKT-01 printer) and much more. With the aid of the freely programmable weighing units (e.g. thread lengths (g/m), paper weight (g/m²), etc., the balance can be set to the individual needs of the application. All models include a power supply unit as well as a protective cover. Optionally available: external battery pack for bigger autonomy, statistics thermal printer, standard thermal printer, DKD-calibration certificate.

	Model	Increment g	Weighing range g	Platform mm	Order No.
	572-30	0.001	161	105	10 58 37230
	572-31	0.001	241	105	10 58 37231
	572-32	0.001	301	105	10 58 37232
	572-33	0.01	1610	150	64 58 57233
	572-35	0.01	2410	150	64 58 57235
	572-37	0.01	3010	150	10 58 37237
	572-45	0.1	12100	200x160	64 58 57245
	572-49	0.1	16100	200x160	64 58 57249
	572-57	0.1	24100	200x160	64 58 57257
	572-46 ¹⁾	0.1	6500	200x160	10 58 37246

¹⁾ Can be calibrated

Statistics thermal printer KERN YKT-01, as well as standard printer KERN YKB-01 see page XXX.



Electronic precision balance KERN EW- / EG-N

The EU-verifiable KERN EW-N/EG-N line of laboratory balances is ideal for use as a laboratory, dental or gold balance, thanks to its incredible resolution. Both lines have many useful applications such as a counting function, a recipe function (net total weighing), a percent determination function (display of deviation from reference weight in percent), balances with tolerance ranges (free entry of limit values; an optical display signal then assists in metering/sorting), alternative weighing units, underfloor weighing device (for determining density), IP 54 dust and spray water protection, printout functionality for GLP logs (in conjunction with the Kern YKT-01 printer) and much more. All important information can be easily read on the main LCD with integrated capacity indicator. The models of the KERN EG-N line feature a convenient internal calibration switch. Both model lines are standardly equipped with an integrated RS-232C data interface, a protective cover, a power supply unit and a wind guard with removable cover and pipetting opening. Optionally available: internal battery pack for bigger autonomy, a statistics thermal printer, standard thermal printer, glass wind guard with 3-glass sliding doors, calibration certificate, as well as DKD calibration certificate.

	Model	Increment g	Weighing range g	Platform mm	Order No.
⑨	EW 120-4 NM	0.0002	120	80	10 58 31206
	EW 220-3 NM	0.001	220	118	64 58 12203
	EW 420-3 NM	0.001	420	118	64 58 14203
	EW 620-3 NM	0.001	620	118	64 58 16203
	EW 820-2 NM	0.01	820	170×142	64 58 18202
⑩	EW 2200-2 NM	0.01	2200	180×160	64 58 12202
	EW 4200-2 NM	0.01	4200	180×160	64 58 14202
	EW 6200-2 NM	0.01	6200	180×160	64 58 16202
	EW 12000-1 NM	0.1	12000	180×160	64 58 12000
	EG 220-3 NM	0.001	220	118	64 58 22203
	EG 420-3 NM	0.001	420	118	64 58 24203
	EG 620-3 NM	0.001	620	118	64 58 26203
	EG 2200-2 NM	0.01	2200	180×160	64 58 22202
	EG 4200-2 NM	0.01	4200	180×160	64 58 24202

Statistics thermal printer KERN YKT-01, as well as standard thermal printer KERN YKB-01 see page XXX.

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