



02



Compact precision balance with large weighing range, as well as EC type approval [M] and automatic internal adjustment

Features

- **KERN KBJ with internal automatic adjustment:** Every time the balance is restarted it is adjusted automatically, which guarantees a high degree of accuracy and makes it independent of its location
- Ideal for mobile applications which require verification, such as ambulatory gold and jewellery purchasing
- **User guidance step by step** on display by Yes/No dialogue
- **Freely programmable weighing unit**, e.g. display direct in special units such as length of thread g/m, grammage g/m², or similar

- **Ring-shaped draught shield** standard, only for models with weighing plate size **A**, weighing space ØxH 90x40 mm

Technical data

- Backlit LCD display, digit height 9 mm
- Weighing plate dimensions, stainless steel*
 - A** Ø 81 mm, plastic, with conductive lacquer
 - B** WxD 130x130 mm*
 - C** WxD 150x170 mm*, see enlarged picture
- Overall dimensions without draught shield WxDxH 167x250x85 mm
- Net weight approx. 2 kg
- Permissible ambient temperature KERN KB-N: 10 °C / 40 °C KERN KB-NM, KBJ: 10 °C / 30 °C

Accessories

- **Protective working cover** over keyboard and housing, standard. Can be re-ordered, scope of delivery: 5 items, **€ 30,-** for models with weighing plate size **A** KERN PCB-A02S05, **B** KERN PCB-A04S05 **C** KERN PCB-A05S05
- **Rechargeable battery pack internal**, 15 h, charging time approx. 10 h, KERN KB-A01N, **€ 50,-**
- only KB-N: **Rechargeable battery pack external**, operating time up to 15 hours with backlight, charging time approx. 10 h, KERN KS-A01, **€ 180,-**
- **Suitable test weights**, also with calibration certificate see page 188
- **Suitable printers** see page 177 ff.

STANDARD



only KBJ

KB

KBJ

only KB-M, KBJ-M

Model	Weighing range [Max]	Readout [d]	Verification value [e]	Reproducibility	Linearity	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification		DAKKS Calibr. Certificate	
								M D KERN	€	DKD KERN	€
KB 120-3N	120	0,001	-	0,001	± 0,003	A	270,-	-	-	963-127	72,-
KB 240-3N	240	0,001	-	0,001	± 0,003	A	280,-	-	-	963-127	72,-
KB 360-3N	360	0,001	-	0,002	± 0,005	A	300,-	-	-	963-127	72,-
KB 1200-2N	1200	0,01	-	0,01	± 0,03	B	270,-	-	-	963-127	72,-
KB 2000-2N	2000	0,01	-	0,01	± 0,03	B	270,-	-	-	963-127	72,-
KB 2400-2N	2400	0,01	-	0,01	± 0,03	B	280,-	-	-	963-127	72,-
KB 3600-2N	3600	0,01	-	0,02	± 0,05	B	290,-	-	-	963-127	72,-
KB 10K0.05N	10000	0,05	-	0,05	± 0,15	C	280,-	-	-	963-128	88,-
KB 10000-1N	10000	0,1	-	0,1	± 0,3	C	260,-	-	-	963-128	88,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

KB 650-2NM	650	0,01	0,1	0,01	± 0,03	B	320,-	965-216	66,-	963-127	72,-
KB 6500-1NM	6500	0,1	1	0,1	± 0,2	C	320,-	965-217	77,-	963-128	88,-
Automatic internal adjustment											
KBJ 650-2NM *	650	0,01	0,1	0,01	± 0,03	B	690,-	965-216	66,-	963-127	72,-

* ONLY WHILE STOCKS LAST !