



- Weighing plate dimensions, stainless steel, **A** Ø 80 mm, **B** Ø 110 mm
C Ø 160 mm, see enlarged picture
- **D** WxD 200x175 mm
- Overall dimensions WxDxH
without draught shield: 210x340x100 mm
with draught shield: 210x340x160 mm
- **4** KERN PLS/PLJ-F: Strain gauge
- **5** KERN PLS/PLJ-A: Force compensation
- Permissible ambient temperature 5 °C / 35 °C

Range of precision balances with enormous weighing ranges – ideal for heavy tare containers or large samples

Features

- **A** New: **PLJ 2000-3A high-quality milligram balance with enormous weighing range up to 2100 g** – ideal for large samples or heavy tare containers
- **2** KERN PLJ: **Automatic internal adjustment**, guarantees high degree of accuracy and makes the balance independent of its location of use. Ideal for mobile applications which require verification, such as ambulatory gold and jewellery purchasing

- **3** KERN PLS: **Adjusting program CAL** for quick setting of the balance accuracy, external test weights at an additional price, see page 188 ff.
- **Ergonomically optimised keypad** for left and righthanded users
- **Glass draught shield**, standard for models with weighing plate size **A**. Removable metal cover with pipette opening, weighing space ØxH 150x60 mm

Technical data

- Backlit LCD display, digit height 17 mm

Accessories

- **Protective working cover** standard. Can be re-ordered, scope of delivery: 5 items, KERN PLJ-A01S05, **€ 60,-**
- **4** **Hook for underfloor weighing** of hanging loads, not included, KERN PLJ-A02, **€ 30,-**
- **Set for density determination** of liquids and solids with density $\leq/\geq 1$. The density, is indicated directly on all models with readout [d] = 0,001 g, KERN ALT-A02, **€ 350,-** on all models with readout [d] = 0,01 g, KERN PLT-A01, **€ 350,-**
- **RS-232/Ethernet adapter** for connection to an IP-based Ethernet network, for details see page 180, KERN YKI-01, **€ 390,-**
- **Suitable test weights**, also with calibration certificate, see page 188
- **Suitable printers** and further, extensive accessories from page 177 ff.

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] g	Readout [d] g	Verific. value [e] g	Reproducibility g	Linearity g	Min. piece weight [Counting] g/piece	Weighing plate	Net weight approx. kg	Price excl. of VAT ex works €	Options			
										Verification		DAKKS Calibr. Certificate	
										M/KERN	€	DKD KERN	€
PLS 420-3F	420	0,001	-	0,001	± 0,004	0,005	B	2,7	590,-	-	-	963-127	72,-
PLS 720-3A ⁶	720	0,001	-	0,001	± 0,002	0,005	B	4,6	850,-	-	-	963-127	72,-
PLS 1200-3A ⁶	1200	0,001	-	0,001	± 0,003	0,005	B	4,7	870,-	-	-	963-127	72,-
PLS 4200-2F ⁶	4200	0,01	-	0,01	± 0,04	0,05	C	3,0	590,-	-	-	963-127	72,-
PLS 6200-2A ⁶	6200	0,01	-	0,01	± 0,03	0,05	C	4,5	870,-	-	-	963-128	88,-
PLS 8000-2A ⁶	8200	0,01	-	0,01	± 0,04	0,01	C	4,7	1050,-	-	-	963-128	88,-
PLS 20000-1F ⁶	20000	0,1	-	0,1	± 0,4	0,5	D	3,5	590,-	-	-	963-128	88,-
PLJ 420-3F	420	0,001	-	0,001	± 0,003	0,005	B	3,5	700,-	-	-	963-127	72,-
PLJ 720-3A ⁶	720	0,001	-	0,001	± 0,002	0,001	B	4,9	990,-	-	-	963-127	72,-
PLJ 1200-3A ⁶	1200	0,001	-	0,001	± 0,003	0,005	B	5,0	1005,-	-	-	963-127	72,-
PLJ 2000-3A ^{NEW} ⁶	2100	0,001	-	0,002	± 0,004	0,05	A	6,5	1700,-	-	-	963-127	72,-
PLJ 4200-2F	4200	0,01	-	0,02	± 0,04	0,05	C	3,8	690,-	-	-	963-127	72,-
PLJ 6200-2A ⁶	6200	0,01	-	0,01	± 0,03	0,01	C	5,3	990,-	-	-	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.													
PLJ 720-3AM	720	0,001	0,01	0,001	± 0,002	0,001	B	4,9	1050,-	965-216	66,-	963-127	72,-
PLJ 3000-2FM ^{NEW}	3100	0,01	0,1	0,01	± 0,03	0,05	C	4,0	660,-	-	-	963-127	72,-
PLJ 6200-2AM	6200	0,01	0,1	0,01	± 0,03	0,01	C	5,2	1050,-	965-217	77,-	963-128	88,-

^{NEW} New model