KERN **PBS 6200-2M**

Multifunctional laboratory balance with single-cell weighing system



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	PBS

Measuring System	
Weighing system	Single-Cell
Weighing capacity [Max]	6200 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,02 g
Resolution	620.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (E2)
Stabilization time	2,5 s
Eccentric loading at 1/3 [Max]	0,05 g
Construction type of the scale	Single-range balance
Units	kg g ct
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g
Warm-up time	4 h

Display	
Display type	LCD
Display backlight	✓
Display digit height	14 mm

Construction	
Dimension housing (W×D×H)	340×220×78 mm
Dimensions weighing surface (W×D)	180×190 mm
Dimensions weighing surface	180×190 mm
Dimensions weighing platform (W×D×H)	180×190×15 mm
Material housing	cast aluminium
Material weighing plate	stainless steel
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓

Functions	
Density determination	✓
Dispensing function	✓
Peak function	✓
PreTare function	✓
Percentage determination	✓
Standby function	✓
Function for averaging under unstable weighing conditions	✓
Tolerance weighing	✓
Counting function	✓
Capacity - Display	✓
Tare function	manual (multi)
Underfloor weighing	Hook (included in delivery)
Counting resolution (laboratory conditions)	620.000
Smallest piece weight when piece counting - laboratory conditions	10 mg
Reference quantity	10, 25, 50, 100, n (any number of pieces)
Recipe/summing level	Rez A (Net total)
Number of keys for operation	6
Smallest piece weight when piece counting - normal conditions	100 mg
Tolerance weighing - type of signal	visual

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Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	12 V DC, 1000 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-10 °C
Storage temperature [Max]	50 °C

Services (optional)

Article number for DAkkS calibration	963-104
Article number for certificate of conformity	969-517

Packing & Shipping

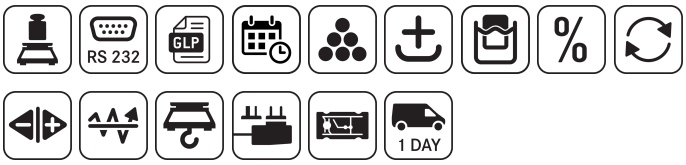
Delivery time	1 d
Dimensions packaging (W×D×H)	450×370×255 mm
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	5,0 kg
Shipping weight	8,5 kg
Shipping volume weight	8,5 kg

Product information

GTIN/EAN number	4045761492820
Trade number	90160010
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

