

# KERN PBS 6200-2M

Multifunctional laboratory balance with single-cell weighing system



Display digit height	14 mm
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## 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	Plastics
Level indicator	✓
Levelling feet adjustable	✓

## Functions

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

## Interface

Interfaces	RS-232 standard
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## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter

## Category

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

## Measuring System

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

## Display

Display type	LCD
Display backlight	✓

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# KERN

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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
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Input voltage device / power [Max]	12 V DC, 1000 mA
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## Environmental conditions

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

CE mark	✓
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## Services (optional)

Article number for DAkkS calibration	963-104
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Article number for certificate of conformity	969-517
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## Packing & Shipping

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

### STANDARD



### OPTION

