# KERN PBJ 8200-1M



### Multifunctional laboratory balance with single-cell weighing system, verification optional



Category	
Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	PBJ
Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Single-Cell
Weighing capacity [Max]	8200 g
Weighing capacity [Max] (ct)	41000 ct
Readability [d]	0,1 g
Readability carat [d] (ct)	1 ct
Resolution	82.000
Linearity	± 0,2 g
Reproducibility	0,1 g
Default unit	g
Units	kg g ct
Units (if device is conformity assessed)	kg g ct
Minimum weight [Min]	5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Minimum weight [Min] (ct)	20 ct
Adjustment options	Internal calibration (automatic)
Automatic adjustment - Standard temperature deviation	1 °C
Automatic adjustment - Standard time interval	4 h

Stabilization time	1,2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,5 g
Approval	
CE mark	1
Accuracy classe	II
Verification scale interval [e]	1 g
Verification scale interval [e] (ct)	10 ct
Conformity assessment possible	1
ex works	
Dianlay	
Display	
Display type	LCD
Display backlight	✓
Display digit height	14 mm
Construction	
Dimension housing (W×D×H)	210×330×78 mm
Dimensions weighing platform	180×195×8 mm
(W×D×H)	
Material display housing	Plastics
Material housing	cast aluminium
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	180×190 mm
Levelling feet adjustable	1
Functions	
Number of keys for operation	6
Capacity - Display	1
Time display	1
PreTare function	✓
Tare function	manual (multi)
Density determination	✓
Dispensing function	1
Percentage determination	✓
Counting function	$\checkmark$
Counting function Tolerance weighing	✓ ✓
e e	
Tolerance weighing	✓
Tolerance weighing Tolerance weighing - type of signal Function for averaging under	✓ visual
Tolerance weighing Tolerance weighing - type of signal Function for averaging under unstable weighing conditions	✓ visual ✓
Tolerance weighing Tolerance weighing - type of signal Function for averaging under unstable weighing conditions Standby function	✓ visual ✓
Tolerance weighing Tolerance weighing - type of signal Function for averaging under unstable weighing conditions Standby function Peak function	✓ visual ✓ ✓
Tolerance weighing Tolerance weighing - type of signal Function for averaging under unstable weighing conditions Standby function Peak function Recipe/summing level	✓ visual ✓ ✓ Rez A (Net total) Hook (included in

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### Counting

Shipping method

Shipping weight

assessment

calibration

Net weight approx.

Gross weight approx.

Services (optional)

Article number for conformity

Article number for certificate of

Article number for DAkkS

conformity (verification)

Counting	
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	10, 25, 50, 100, n (any number of pieces)
Counting resolution (laboratory conditions)	82.000
Power Supply	
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V DC, 1000 mA
Supplied power supply	Power supply unit
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
Environmental conditions	
Humity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	50 °C
Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	370×455×265 mm
Net weight	4,91 kg

Parcel service

5,0 kg

8,9 kg

965-217

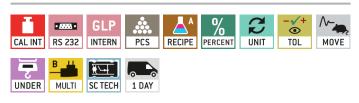
963-128

969-517

7 kg

## Pictograms

#### STANDARD



#### OPTION

## DAkkS

+3 DAYS

FACTORY

