

KERN PLJ 6200-2A

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



Automatic adjustment - Standard temperature deviation 1,2 °C

Stabilization time 3 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

Approval

CE mark ✓

Display

Display type LCD graphic

Display screen size 132×38 mm

Display backlight ✓

Display digit height - smallest digit 4 mm

Display digit height 15 mm

Languages of the user interface English

Construction

Dimension housing (W×D×H) 210×340×120 mm

Dimensions completely mounted (W×D×H) 210×340×120 mm

Material housing plastic

Material weighing plate stainless steel

Material platform Stainless steel

Dimensions weighing surface (Ø) 160 mm

Transport safety lock - bolt torque 0,1 Nm

Levelling feet adjustable ✓

Functions

Number of keys for operation 6

Auto-off interval(s) in mains power off

mode 5 min

2 min

15 min

Capacity - Display ✓

Time display ✓

PreTare function ✓

Tare function manual (multi)

Density determination ✓

Percentage determination ✓

Counting function ✓

Tolerance weighing ✓

Tolerance weighing - type of signal acoustically visual

Function for averaging under unstable weighing conditions ✓

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Force compensation
Weighing capacity [Max]	6200 g
Weighing capacity [Max] (ct)	31000 ct
Readability [d]	0,01 g
Resolution	620.000
Linearity	± 0,05 g
Reproducibility	0,01 g
Tare range	6200 g
Default unit	g

Units	g
	mg
	gn
	dwt
	tl (Tw)
	tl (HK)
	ozt
	tl (Singap, Malays)
	ct
	mo
lb	
oz	

USP Minimum weight of sample (k = 2, U = 0.1%) 20 g

Adjustment options Internal calibration (automatic)

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Standby function	✓
Recipe/summing level	Rez B (Net-total, memory with plain text designations + setpoint, also for printout)
Recipe weighing - number of database entries	99
Recipe weighing - number of ingredients per database entry	20
Underfloor weighing	Eye (included in delivery)
Interfaces	RS-232 standard

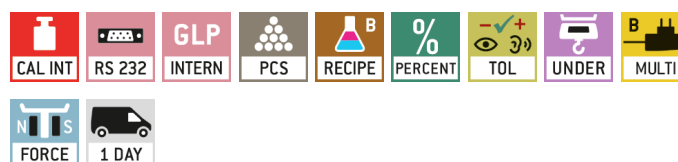
Shipping method	Parcel service
Net weight approx.	5,0 kg
Gross weight approx.	8 kg
Shipping weight	15,5 kg

Services (optional)

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

Pictograms

STANDARD



OPTION



Counting

Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Counting reference weight can be entered	✓
Reference quantity	10, 25, 50, 100, n (any number of pieces)
Counting resolution (laboratory conditions)	620.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	24 V 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	35 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	520×360×415 mm
Net weight	4,9 kg