

KERN PLS 6200-2A

KERN

High-quality precision scale with comfortable graphic display and enormous weighing range



Display

Display digit height	15 mm
Display backlight	✓
Display screen size	132×38 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
Dimensions weighing surface (Ø)	160 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Levelling feet adjustable	✓

Functions

Number of keys for operation	6
Capacity display	✓
Time display	✓
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	✓
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

Counting

Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
Counting reference weight can be entered	✓

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,01 g
Readability carat [d] (ct)	0,1 ct
Weighing capacity [Max]	6200 g
Weighing capacity [Max] (ct)	31000 ct
Eccentric loading at 1/3 [Max]	0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Reproducibility	0,01 g
Linearity	± 0,03 g
Weighing system	Force compensation
Resolution	620.000
Units	g mg gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz
Default unit	g
Stabilization time	2 s
Warm-up time	4 h
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (E2)
Possible calibration points	1 kg; 2 kg; 3 kg; 4 kg; 5 kg; 6 kg

Approval

CE mark	✓
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Reference quantity 10, 25, 50, 100, n (any number of pieces)

Counting resolution (laboratory conditions) 124.000

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 plug-in 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

Packing & Shipping

Readability force [d] (N) 1 d

Shipping method Parcel service

Dimensions packaging (W×D×H) 500×360×420 mm

Net weight approx. 4,8 kg

Gross weight approx. 7 kg

Services (optional)

Article number for DAkkS calibration 963-104

Article number for certificate of conformity (verification) 969-517

Piktogramme

STANDARD



OPTION

