KERN PLS 4200-2F



tl (Singap, Malays)

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

Standby function

Counting function



Category	
Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	PLS
Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	4200 g
Weighing capacity [Max] (ct)	21000 ct
Readability [d]	0,01 g
Readability carat [d] (ct)	0,1 ct
Reproducibility	0,01 g
Linearity	± 0,04 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Resolution	420.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	4 kg (E2)
Possible calibration points	4 kg
Stabilization time	3 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,03 g
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g
Units	g gn dwt tl (Tw) tl (HK)

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Display	
Display type	LCD graphic
Display backlight	\checkmark
Display screen size	132×38 mm
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
Dimensions weighing surface (Ø)	160 mm
Dimensions weighing surface	160 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	stainless steel
Level indicator	1
Levelling feet adjustable	1
Functions	
Sum memory 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
Percentage determination	\checkmark
Density determination	\checkmark
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Eye (included in delivery)
Function for averaging under unstable weighing conditions	✓
Time display Capacity - Display	

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Counting resolution (laboratory conditions)	84.000
Counting reference weight can be entered	\checkmark
Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
Reference quantity	10, 25, 50, 100, n (any number of pieces)
Auto-off interval(s) in mains power mode	off 5 min 2 min 15 min
Tare function	manual (multi)
Number of keys for operation	6

Interface

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Interfaces	

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
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
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	9 V DC, 1000 mA

RS-232 standard

Environmental conditions

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

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Approval

CE mark

Services (optional)

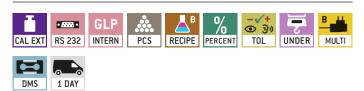
Article number for DAkkS calibration

Article number for certificate of	969-517
conformity	909-017

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	450×320×300 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,4 kg
Shipping weight	8,6 kg

Pictograms

STANDARD



OPTION

DAkks +3 days