

KERN ALJ 210-5A

Single-range semi-micro balance with large weighing range, graphics display and user-friendly recipe weighing function



Possible calibration points	200 g
Automatic adjustment - Standard temperature deviation	1,2 °C
Automatic adjustment - Standard time interval	3 h
Stabilization time	10 s
Warm-up time	8 h
Eccentric loading at 1/3 [Max]	0,00003 g
Maximum creep (15 minutes)	0,1 mg
Maximum creep (30 minutes)	0,2 mg

Approval	
CE mark	✓

Display	
Display type	LCD graphic
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	German English French Spanish Italian Portuguese

Construction	
Dimension housing (W×D×H)	210×340×330 mm
Dimensions weighing platform (W×D×H)	240×170×185 mm
Dimensions ring-shaped draught shield - outer (Ø×H)	127×30 mm
Dimensions rectangular draught shield - inner (W×D×H)	160×170×225 mm
Dimensions rectangular draught shield - outer (W×D×H)	172×185×245 mm
Dimensions completely mounted (W×D×H)	210×340×330 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	glass
Dimensions weighing surface (Ø)	80 mm
Levelling feet adjustable	✓

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Analytical balance
Product family	ALJ

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Force compensation
Weighing capacity [Max]	210 g
Weighing capacity [Max] (ct)	1050 ct
Readability [d]	0,00001 g
Readability carat [d] (ct)	0,001 ct
Resolution	21.000.000
Linearity	± 0,0001 g
Reproducibility	0,00005 g
Default unit	g

Units	g mg gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz
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USP Minimum weight of sample (k = 2, U = 0.1%)	100 mg
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	200 g (E2)

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Functions

Number of keys for operation	6
Auto-off interval(s) in mains power mode	off 5 min 2 min 15 min
Capacity - Display	✓
Time display	✓
PreTare function	✓
Tare function	manual (multi)
Density determination	✓
Dispensing function	✓
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Peak 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
Memory - total size	99 GB
Underfloor weighing	None
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Counting reference weight can be entered	✓
Reference quantity	10, 25, 50, 100, n (any number of pieces)
Counting resolution (laboratory conditions)	210.000

Power Supply

Input voltage power supply / power [Max]	country dependent
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
	AUS
	UK
	US
	CH

Environmental conditions

Use temperature [Min]	5 °C
Use temperature [Max]	35 °C
Humidity of environment [Min]	20 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	400×510×620 mm
Net weight	5,85 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	9 kg
Shipping weight	25,3 kg

Services (optional)

Article number for DAkkS calibration	963-101
Article number for certificate of conformity (verification)	969-517

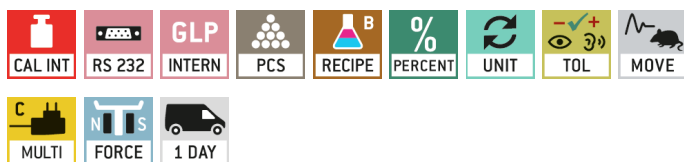
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Pictograms

STANDARD



OPTION

