

# KERN ALJ 210-5A



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



Display	
Display type	LCD Graphic
Display digit height	15 mm
Display backlight	✓
Display screen size	132×38 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 completely mounted (W×D×H)	210×340×330 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 weighing surface (Ø)	80 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	glass
Levelling feet adjustable	✓

Functions	
Number of keys for operation	6
Capacity display	✓
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Peak function	✓
Recipe weighing - number of database entries	99
Memory - total size	99 GB
Underfloor weighing	None
Interfaces	RS-232 standard

Category	
Brand	KERN
Product category	Laboratory balances
Product group	Analytical balances

Measuring System	
Readability [d]	0,00001 g
Readability carat [d] (ct)	0,001 ct
Weighing capacity [Max]	210 g
Weighing capacity [Max] (ct)	1050 ct
Eccentric loading at 1/3 [Max]	0,00003 g
Reproducibility	0,00005 g
Linearity	± 0,0001 g
Weighing system	Force compensation
Resolution	21.000.000
Tare range	210 g
Units	g mg gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz
Default unit	g
Stabilization time	6 s
Warm-up time	8 h
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	200 g (E2)
Possible calibration points	200 g

Approval	
CE mark	✓
Accuracy classe	I (without pattern approval)

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## 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 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 AUS UK US CH

## Environmental conditions

Humidity of environment [Min]	20 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

## Packing & Shipping

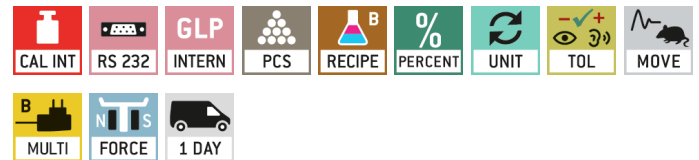
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	400×510×620 mm
Net weight approx.	6 kg
Gross weight approx.	9 kg

## Services (optional)

Article number for DAkkS calibration	963-101
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## Piktogramme

### STANDARD



### OPTION

