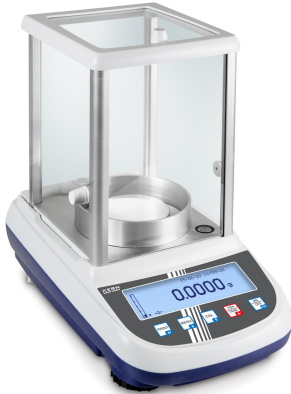


KERN ALJ 160-4AM



Analytical balance range with large weighing ranges, intuitive graphics display, extensive recipe database and EC type approval [M]



Verification value	0,001 g
Periodic reverification for Italy	969-112
CE mark	✓

Construction

Material of weighing plate	stainless steel
Material of platform	Stainless steel
Weighing surface (round) diameter	80 mm
weighingAreaMkt	80 mm
Material of housing	Plastics
Dimensions of housing (without removable parts)	210×340×330 mm
Material of display housing	Plastics
Material of draft shield	Glass
Dimensions of rectangular draft shield - internal	160×170×225 mm
Dimensions of rectangular draft shield - external	172×185×245 mm
Dimensions when fully assembled (draft shield/column)	210×340×330 mm
Foot screws can be rotated	✓

Display

Type of display	LCD Graphic
Display digit height - large	15 mm
Display digit height - small	4 mm
Display - size	132 x 38 mm
Display - backlight	✓
Languages of the user interface	English

Functions

Smallest piece weight when piece counting	1 mg
The smallest piece weight when piece counting - under normal conditions	10 mg
Counting resolution	160.000
Counting reference weight can be entered	✓
Counting reference	10, 25, 50, 100, free

Functions

Density function	✓
Dispensing function	✓
Pre-tare function	✓
Percentage weighing	✓
Standby function	✓

Category

Brand	KERN
Product category	Laboratory balances
Product group	Analytical balances

Measuring system

Weighing system	Force compensation
Weighing range (Max)	160 g
Readability (g)	0,0001 g
Resolution	1.600.000
Minimum weight	0,01 g
Reproducibility	0,0001 g
Linearity	± 0,0003 g
Eccentric loading at 1/3 max	0,0003 g
Stabilisation time	4 s
Warm up time	8 h
Adjustment options	Internal calibration (automatic)
Verification possible	✓
Weighing range (max) in carat	800 ct
Minimum weight (min) in carat	0,1 ct
Verification values (e) in carat	0,01 ct
Readout (d) in carat	0,001 ct
UPS Minimum sample weight (k = 2, U = 0.1%)	200 mg
Automatic adjustment - Delta T (Standard)	1,2 °C
Automatic adjustment - Delta Time (Standard)	3 h

Technical data about verification

Verification class	I
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KERN ALJ 160-4AM



Analytical balance range with large weighing ranges, intuitive graphics display, extensive recipe database and EC type approval [M]

Animal weighing/peak hold function	✓
Tolerance weighing	✓
Counting function	✓
Capacity display	✓
Auto-Off (mains)	off 5 min 2 min 15 min
Tare function	[Value missing]
Underfloor weighing	None
Recipe/totalising level	Rez B (Netto-Total, Speicher mit Klartext-Bezeichnungen + Sollwert, auch bei Ausdruck)
Recipe weighing - database entries	99
Recipe weighing - ingredients for each database entry	20
Number of keys to operate the device	6
Stability	C (Laborwaagen: Nettogewicht > 5 kg)
Dispensing recommendation	C (Laborwaagen: Kraftkompensation)
Tolerance weighing - types of notification	akustisch optisch

Power supply

Power supply delivered with the product	Power supply unit
Type of power supply	Power adapter
Power supply / Adapter countries with options	EURO UK US CH
Input voltage for power supply/ max. power	Country dependent
Input voltage for device/max. power	24V 1A

Environmental conditions

Air humidity of environment (max)	80 %
Minimum ambient temperature	5 °C
Ambient temperature (max.)	35 °C

Packing & Shipping

Dimensions of packaging	400×515×615 mm
Net weight approx.	7 kg
Gross weight approx.	9 kg
Total delivery time	1 d
Art des Versands	Parcel service

Dienstleistungen (optional)

DAkkS/DKD - items	963-101
Verification items	965-201
Items Certificate of conformity	969-517

Pictograms

STANDARD



OPTION



FACTORY

