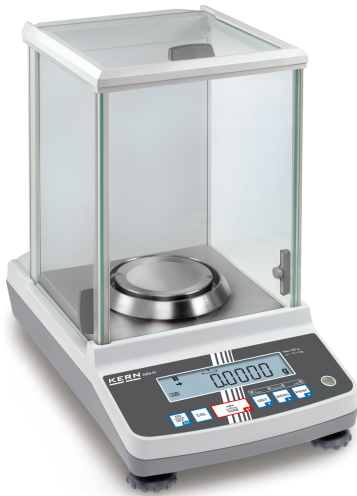


# KERN ACJ 300-4M



The bestseller in analytical balances, with high-quality single-cell weighing system and EC type approval [M]



Periodic reverification for Italy	969-112
CE mark	✓

## Construction

Material of weighing plate	stainless steel
Weighing surface (round) diameter	91 mm
weighingAreaMkt	91 mm
Material of housing	cast aluminium, plastic
Dimensions of housing (without removable parts)	210×340×325 mm
Material of display housing	Plastics
Material of draft shield	Glass
Dimensions of rectangular draft shield - internal	174×162×227 mm
Dimensions of rectangular draft shield - external	201×220×256 mm
Foot screws can be rotated	✓

## Display

Type of display	LCD
Display digit height - large	14 mm
Display - size	115×32 mm
Display - backlight	no
Languages of the user interface	symbol language

## Functions

Smallest piece weight when piece counting	1 mg
The smallest piece weight when piece counting - under normal conditions	10 mg
Counting resolution	320.000
Counting reference weight can be entered	✓
Counting reference	5, 10, 20, 50, 100

## Functions

Percentage weighing	✓
Standby function	✓
Function to save totals	✓
Tolerance weighing	✓
Counting function	✓
Tare function	[Value missing]
Recipe/totalising level	Rez A (Netto-Total)
Number of keys to operate the device	6
Stability	C (Laborwaagen: Nettogewicht > 5 kg)

## Category

Brand	KERN
Product category	Laboratory balances
Product group	Analytical balances

## Measuring system

Weighing system	Single cell
Weighing range (Max)	320 g
Readability (g)	0,0001 g
Resolution	3.200.000
Minimum weight	0,01 g
Reproducibility	0,0002 g
Linearity	± 0,0003 g
Eccentric loading at 1/3 max	0,0005 g
Recommended adjusting	300 g (E2)
Stabilisation time	3 s
Warm up time	8 h
Verification possible	✓
Weighing range (max) in carat	1600 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%)	400 mg
Automatic adjustment - Delta T (Standard)	2 °C
Automatic adjustment - Delta Time (Standard)	4 h

## Technical data about verification

Verification class	I
Verification value	0,001 g

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Dispensing recommendation C (Laborwaagen: Kraftkompensation)

## Power supply

Power supply delivered with the product	Power supply unit
Type of power supply	Power adapter
Input voltage for power supply/ max. power	110 V - 230 V AC
Input voltage for device/ max. power	12 V, 1 A

## Environmental conditions

Air humidity of environment (min)	20 %
Air humidity of environment (max)	85 %
Minimum ambient temperature	10 °C
Ambient temperature (max.)	30 °C

## Packing & Shipping

Dimensions of packaging	390×570×530 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

