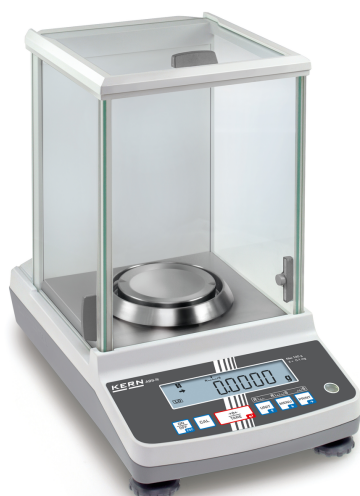


KERN ACS 300-4

The bestseller in analytical balances, with high-quality single-cell weighing system



Display

Display type	LCD
Display type	LCD
Display screen size	115×32 mm
Display backlight	no
Display digit height	14 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	213×333×338 mm
Dimensions rectangular draught shield - inner (W×D×H)	174×162×227 mm
Dimensions rectangular draught shield - outer (W×D×H)	201×220×256 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	glass
Dimensions weighing surface (Ø)	90 mm
Levelling feet adjustable	✓

Functions

Number of keys for operation	6
Auto-off interval(s) in mains power mode	0 - 99 min
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Standby function	✓
Recipe/summing level	Rez A (Net total)
Sum memory function	✓
Interfaces	RS-232 standard USB-Device

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	5, 10, 20, 50, 100
Counting resolution (laboratory conditions)	320.000

Category

Brand	KERN
Product category	Laboratory balance
Product group	Analytical balance
Product family	ACS

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Single-Cell
Weighing capacity [Max]	320 g
Readability [d]	0,0001 g
Resolution	3.200.000
Linearity	± 0,0003 g
Reproducibility	0,0002 g
Default unit	g
Units	g mg ct
USP Minimum weight of sample (k = 2, U = 0.1%)	400 mg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 g (E2)
Possible calibration points	150 g
Stabilization time	3 s
Warm-up time	8 h
Eccentric loading at 1/3 [Max]	0,0005 g
Maximum creep (15 minutes)	1 mg
Maximum creep (30 minutes)	2 mg

Approval

CE mark	✓
---------	---

KERN ACS 300-4



The bestseller in analytical balances, with high-quality single-cell weighing system

Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 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 UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH

Environmental conditions

Humidity of environment [Min]	20 %
Humidity of environment [Max]	85 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	50 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	390×570×530 mm
Net weight	5,9 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	9 kg
Shipping weight	23,6 kg

Services (optional)

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

Pictograms

STANDARD



OPTION

