KERN AXS 100-4



Entry level analytical balance with compact housing and external adjustment



Category	
Brand	KERN
Product categoriy	Laboratory balance
Product group	Analytical balance
Product family	AXS

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Force compensation
Weighing capacity [Max]	120 g
Readability [d]	0,0001 g
Reproducibility	0,0002 g
Linearity	± 0,0003 g
USP Minimum weight of sample (k = 2, U = 0.1%)	400 mg
Resolution	1.200.000
Tare range	120 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 g (E2)
Stabilization time	3 s
Warm-up time	8 h
Eccentric loading at 1/3 [Max]	0,0003 g
Maximum creep (15 minutes)	1 mg
Maximum creep (30 minutes)	2 mg
Default unit	g
Units	g mg ct oz

		Dimensions rectar shield - outer (W× Dimensions weigh Dimensions weigh Material housing
		Material weighing
		Material draught s
	KERN	Material display h
	Laboratory balance	Level indicator
	Analytical balance	Levelling feet adju
	AXS	
		Functions
	Single range belance	Recipe/summing
cale	Single-range balance	Percentage deterr
	Force compensation	Standby function
	120 g	Counting function
	0,0001 g	Counting resolution
	0,0002 g	conditions)
imple (k	± 0,0003 g 400 mg	Smallest piece we counting - laborate
	400 mg	Smallest piece we
	1.200.000	counting - normal
	120 g	Reference quantit
	Adjusting with external	Tare function
	weight	Number of keys for
/eight	100 g (E2)	
	3 s	Interface
	8 h	Interfaces
/lax]	0,0003 g	interfaceo
es)	1 mg	Power Supply
es)	2 mg	
	g	Supplied power su
	g	Plug-in power sup
	mg	Plug-in power sup
	ct oz	countries - include
	02	delivery

Display backlight Display screen size	✓ 96x24 mm	
Display segments	7	
Display digit height	7 16 mm	
Languages of the user interface	Symbol language	
	oymbol language	
Construction		
Dimension housing (W×D×H)	195×300×295 mm	
Dimensions rectangular draught shield - inner (W×D×H)	175×150×205 mm	
Dimensions rectangular draught shield - outer (W×D×H)	180×175×200 mm	
Dimensions weighing surface (Ø)	80 mm	
Dimensions weighing surface	80 mm	
Material housing	ABS plastic	
Material weighing plate	stainless steel	
Material draught shield	glass	
Material display housing	plastic	
Level indicator	\checkmark	
Levelling feet adjustable	\checkmark	
Functions		
Recipe/summing level	Rez A (Net total)	
Percentage determination	\checkmark	
Standby function	\checkmark	
Counting function	\checkmark	
Counting resolution (laboratory conditions)	120.000	
Smallest piece weight when piece counting - laboratory conditions	1 mg	
Smallest piece weight when piece counting - normal conditions	10 mg	
Reference quantity	5, 10, 20, 50,100, 200	
Tare function	manual (multi)	
Number of keys for operation	5	
Interface		
Interfaces	RS-232 standard	
Power Supply		
Supplied power supply	Power supply unit	
Plug-in power supply type	Power adapter	
Plug-in power supply / adapter for	EURO	
countries - included with the	UK	
delivery	US CH	
Input voltage power supply /	00 V - 240 V AC, 50 /	
power [Max]	60 Hz	

Display

Display type

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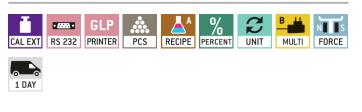
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Input voltage device / power [Max] 9 V, 3 A

Environmental conditions	
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	25 °C
Humity of environment [Min]	20 %
Humity of environment [Max]	85 %
Use temperature [Min]	15 °C
Use temperature [Max]	25 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C
Approval	
CE mark	\checkmark
Services (optional)	
Article number for DAkkS calibration	963-101
Article number for certificate of	969-517
conformity	909-517
Docking & Shipping	
Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	320×430×415 mm
Shipping method	Parcel service
Net weight approx.	5,0 kg
Net weight approx. Gross weight approx.	5,0 kg 8 kg

Pictograms

STANDARD



OPTION

