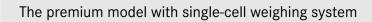
KERN ABT 220-4NM







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

Measuring System	
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Single-Cell
Weighing capacity [Max]	220 g
Weighing capacity [Max] (ct)	1100 ct
Readability [d]	0,0001 g
Readability carat [d] (ct)	0,001 ct
Resolution	2.200.000
Linearity	± 0,0002 g
Reproducibility	0,0001 g
Tare range	220 g
Default unit	g
Units	g ct
Units (if device is conformity assessed)	g ct
Minimum weight [Min]	0,01 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 mg
Minimum weight [Min] (ct)	0,1 ct
Adjustment options	Adjusting with external weight Internal calibration (automatic) Adjusting with internal weight (manual)

Automatic adjustment - Standard temperature deviation	0,5 °C
Automatic adjustment - Standard time interval	4 h
Stabilization time	4 s
Warm-up time	8 h
Eccentric loading at 1/3 [Max]	0,0005 g

Approval	
CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	1
Verification scale interval [e]	0,001 g
Verification scale interval [e] (ct)	0,01 ct
Conformity assessment possible ex works	1

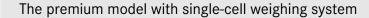
Display	
Display type	LCD
Display digit height	14 mm

Construction	
Dimension housing (W×D×H)	217×345×330 mm
Dimensions rectangular draught shield - inner (W×D×H)	168×172×223 mm
Dimensions rectangular draught shield - outer (W×D×H)	200×240×260 mm
Material display housing	Plastics
Material housing	metal
Material weighing plate	stainless steel
Material draught shield	glass
Dimensions weighing surface (Ø)	80 mm
Levelling feet adjustable	✓

Functions	
Number of keys for operation	6
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Recipe/summing level	Rez A (Net total)
Sum memory function	✓
Underfloor weighing	Hook (included in delivery)

1

KERN ABT 220-4NM





Interfaces	RS-232 standard

Countin	6			
Smallest	piece	weight	when	piece

counting - laboratory conditions Smallest piece weight when piece

counting - normal conditions Counting reference weight can be

entered Reference quantity

Counting resolution (laboratory conditions)

1 mg

10 mg

10, 20, 50, 100

220.000

Power Supply

Input voltage power supply / 220 V - 240 V AC, 50 Hz power [Max] Input voltage device / power [Max] 12 V DC, 1000 mA Plug-in power supply type Power adapter Supplied power supply Power supply unit **EURO** AUS Plug-in power supply / adapter for UK countries - included with the US delivery CH

Plug-in power supply / adapter for countries - optional

EURO AUS UK US СН

Environmental conditions Humity of environment [Max] 80 % Ambient temperature [Min] 10 °C Ambient temperature [Max] 30 °C Storage temperature [Min] -10 °C 50 °C Storage temperature [Max]

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	400×585×545 mm
Net weight	7,65 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	12 kg
Shipping weight	25.5 kg

Services (optional)	
Article number for conformity assessment	965-201

Article number for DAkkS 963-101 calibration

Article number for certificate of conformity (verification)

969-517

Pictograms

STANDARD





















OPTION



FACTORY

