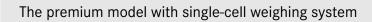
# KERN ABT 120-5DNM







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

Measuring System	
Conformity assessment possible	✓
Construction type of the scale	Multi-range balance
Weighing system	Single-Cell
Weighing capacity [Max]	42 g; 120 g
Weighing capacity [Max] (ct)	210,045 ct; 600 ct
Readability [d]	0,00001 g; 0,0001 g
Readability carat [d] (ct)	0,0001 ct; 0,001 ct
Resolution	4.200.000, 1.200.000
Linearity	± 0,00005 g; 0,0002 g
Reproducibility	0,00002 g; 0,0001 g
Tare range	120 g
Default unit	g
Units	g ct
Units (if device is conformity assessed)	g ct
Minimum weight [Min]	0,001 g
USP Minimum weight of sample (k = 2, U = 0.1%)	40 mg
Minimum weight [Min] (ct)	0,01 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	10 s; 4 s
Warm-up time	8 h; 8 h
Eccentric loading at 1/3 [Max]	0,0005 g

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

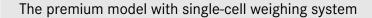
Display		
Display type	LCD	
Display digit height	14 mm	

Construction	
Dimension housing (W×D×H)	215×340×335 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)

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## KFRN ABT 120-5DNM





Interfaces RS-232 standard

Counting 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

120.000

**Power Supply** 

Input voltage power supply /

220 V - 240 V AC, 50 Hz power [Max]

Input voltage device / power [Max] Plug-in power supply type

Power adapter

Supplied power supply

Power supply unit **EURO** 

12 V DC, 1000 mA

Plug-in power supply / adapter for countries - included with the delivery

AUS UK US CH

**EURO** 

Plug-in power supply / adapter for countries - optional

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 Storage temperature [Max] 50°C

Packing & Shipping Readability force [d] (N) Dimensions packaging (W×D×H) 430×685×650 mm Net weight 7,5 kg Shipping method Parcel service Net weight approx. 8 kg Gross weight approx. 13 kg Shipping weight 38,3 kg

Services (optional)

Article number for conformity assessment

965-201

Article number for DAkkS calibration

Article number for certificate of conformity (verification)

969-517

963-101

### **Pictograms**

#### **STANDARD**



















#### **OPTION**



#### **FACTORY**

