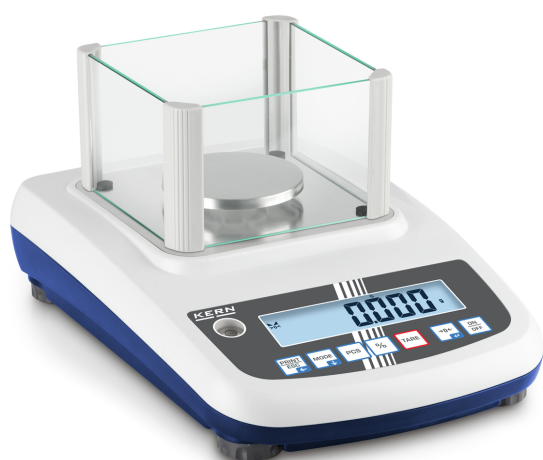


KERN PFB 120-3

Quick-display precision balance with user-friendly concept of operation mode - now also with checkweighing function



ct
mo
lb
oz
ffa
tol
m

Display	
Display type	LCD
Display backlight	✓
Display screen size	129 x 27
Display digit height	21 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	210×315×90 mm
Dimensions completely mounted (W×D×H)	210×315×160 mm
Dimensions rectangular draught shield - inner (W×D×H)	140×150×65 mm
Dimensions rectangular draught shield - outer (W×D×H)	147×163×80 mm
Dimensions weighing surface (Ø)	80 mm
Dimensions weighing surface	80 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	glass
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

Functions	
PreTare function	✓
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Capacity - Display	✓
Counting function	✓
Counting resolution (laboratory conditions)	60.000
Counting reference weight can be entered	✓

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	PFB

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	120 g
Readability [d]	0,001 g
Reproducibility	0,002 g
Linearity	± 0,003 g
USP Minimum weight of sample (k = 2, U = 0.1%)	4 g
Resolution	120.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 g (F1)
Possible calibration points	40 g; 80 g; 120 g
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,004 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Default unit	g

	g
	gn
	dwt
Units	tl (Tw)
	tl (HK)
	ozt
	tl (Singap, Malays)

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Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Reference quantity	5, 10, 20, 50, free, Input
Hold function	✓
IP protection - display	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	1 min
	30 min
	60 min
	30 sec
Tare function	manual (multi)
Number of keys for operation	7

Interface	
Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0) (optional, factory)

Power Supply	
Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
	UK
	US
	CH

Plug-in power supply / adapter for countries - optional	EURO
	AUS
	UK
	US
	CH

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
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Input voltage device / power [Max]	12 V, 500 mA
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Battery / accumulator type	Li-Ion
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Battery connection	2-pole tub connector
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Rechargeable battery operating time - backlight on	36 h
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Rechargeable battery operating time - backlight off	72 h
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Rechargeable battery charging time	6,5 h
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Rechargeable battery optional	Rchrg. battery optional (factory)
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Environmental conditions	
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	30 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

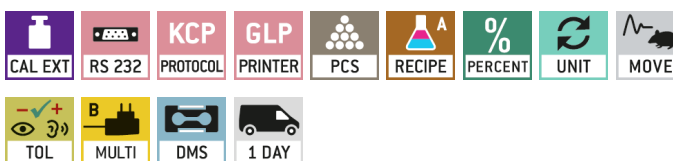
Approval	
CE mark	✓

Services (optional)	
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	380×280×280 mm
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,6 kg
Shipping weight	6 kg

Pictograms

STANDARD



OPTION



FACTORY

