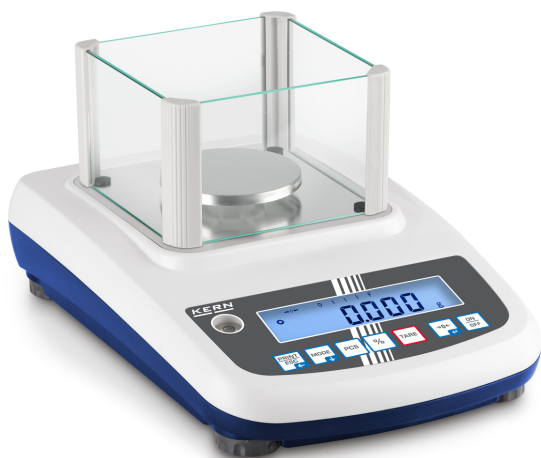


KERN PFB 120-3

Quick-display precision balance with user-friendly concept of operation mode – now with larger housing for more stability



Recommended adjusting weight	100 g (F1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	15 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	210×315×90 mm
Dimensions rectangular draught shield - inner (W×D×H)	132×1125×65 mm
Dimensions rectangular draught shield - outer (W×D×H)	140×135×80 mm
Dimensions completely mounted (W×D×H)	210×315×160 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	glass
Dimensions weighing surface (Ø)	80 mm
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium

Functions

Number of keys for operation	7
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Capacity - Display	✓
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Recipe/summing level	Rez A (Net total)
Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0) (optional, factory)
IP protection - load cell	IP65

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
Weighing capacity [Max] (ct)	600 ct
Readability [d]	0,001 g
Readability carat [d] (ct)	0,005 ct
Resolution	120.000
Linearity	± 0,003 g
Reproducibility	0,001 g
Tare range	120 g
Default unit	g

Units	g
	t
	dwt
	tl (Tw)
	tl (HK)
	ozt
	ct
	lb
	N
	oz
	tl (Cn)

Adjustment options	Adjusting with external weight
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Counting

Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	60.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
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 AUS UK US CH

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	30 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	375×280×275 mm
Net weight	1,23 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,4 kg
Shipping weight	5,8 kg

Services (optional)

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

Pictograms

STANDARD



OPTION



FACTORY

