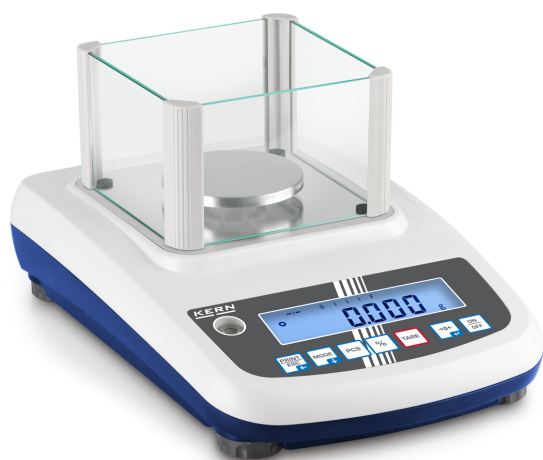


# KERN PFB 300-3

**KERN**

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



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]	300 g
Weighing capacity [Max] (ct)	1500 ct
Readability [d]	0,001 g
Readability carat [d] (ct)	0,005 ct
Reproducibility	0,002 g
Linearity	± 0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	4 g
Resolution	300.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 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
Default unit	g
Units	g
	t
	dwt
	tl (Tw)
	tl (HK)
	ozt

ct  
lb  
N  
oz  
tl (Cn)  
D  
mom  
bt

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 completely mounted (W×D×H)	210×315×160 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 weighing surface (Ø)	80 mm
Dimensions weighing surface	80 mm
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	glass
Material display housing	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Transport safety lock - bolt torque	0,1 Nm

Functions	
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Capacity - Display	✓
Counting function	✓
Counting resolution (laboratory conditions)	150.000
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
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (single & multi)

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Number of keys for operation 7

Shipping weight 5,8 kg

## Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0) (optional, factory)
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## 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 UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA

## 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	✓
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## Services (optional)

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

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	375×280×275 mm
Net weight	2 kg
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	2,4 kg

## Pictograms

### STANDARD



### OPTION



### FACTORY



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