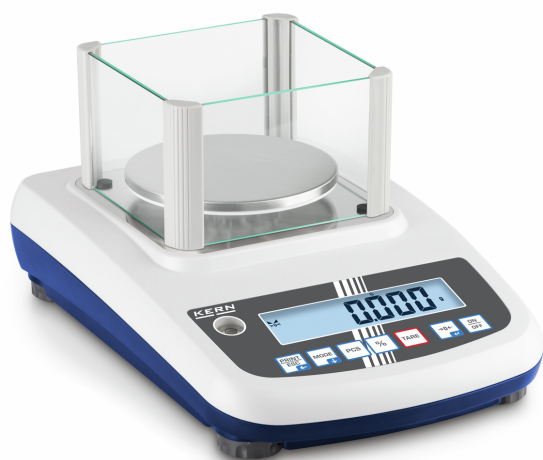


# KERN PFB 600-3

**KERN**

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)	120 mm
Dimensions weighing surface	120 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	✓
Sum memory 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)	300.000

## 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]	600 g
Readability [d]	0,001 g
Reproducibility	0,005 g
Linearity	± 0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	10 g
Resolution	600.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 g (E2)
Possible calibration points	200 g; 400 g; 600 g
Stabilization time	6 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,004 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Default unit	g

## Units

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

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Counting reference weight can be entered	✓
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
	5 min
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	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)
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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 AUS 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
Battery / accumulator type	Li-Ion
Battery connection	2-pole tub connector
Rechargeable battery operating time - backlight on	36 h
Rechargeable battery operating time - backlight off	72 h
Rechargeable battery charging time	6,5 h
Rechargeable battery optional	Rchrg. battery optional (factory)

## 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	963-103
Article number for certificate of conformity (verification)	969-517

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	380×280×280 mm
Net weight	1,245 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	2,6 kg
Shipping weight	6 kg

## Pictograms

### STANDARD



### OPTION



### FACTORY

