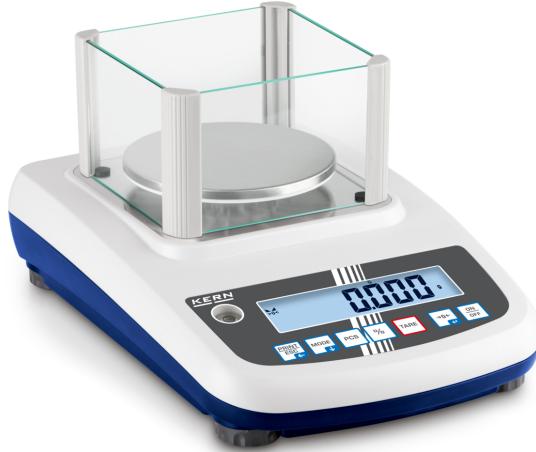


KERN PFB 600-3

KERN

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



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	600 g
Readability [d]	0,001 g
Reproducibility	0,005 g
Linearity	± 0,005 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
USP Minimum weight of sample (k = 2, U = 0.1%)	10 g

Construction type of the scale	Single-range balance
	kg
	g
	t
	gn
	dwt
	tl (Tw)
	tl (HK)
	ozt
	tl (Singap, Malays)
Units	ct
	mo

lb
oz
ffa
m

Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Default unit	g

Display

Display type	LCD
Display backlight	✓
Display screen size	129×27
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

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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
Statistic function	✓
	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)
Supplied power supply	Power supply unit
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
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
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
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C
Approval	
CE mark	✓
Services (optional)	
Article number for DAkkS calibration	963-103
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
Product information	
GTIN/EAN number	4045761476325
REACH classification	no prohibited substances

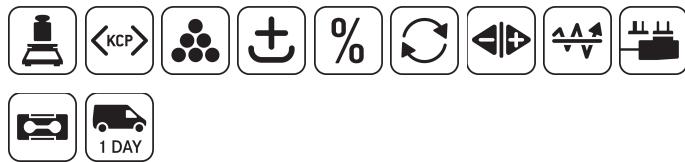
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Pictograms

STANDARD



OPTION



FACTORY

