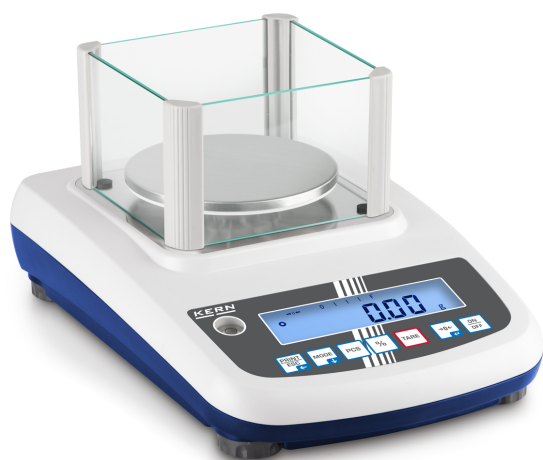


# KERN PFB 600-2

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



Display	
Display type	LCD
Display backlight	✓
Display digit height - smallest digit	5 mm
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)	120 mm
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

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)
Sum memory function	✓

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0) (optional, factory)
IP protection - load cell	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	10, 20, 50, 100, 200

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
Weighing capacity [Max] (ct)	3000 ct
Readability [d]	0,01 g
Readability carat [d] (ct)	0,05 ct
Resolution	60.000
Linearity	± 0,03 g
Reproducibility	0,01 g
Tare range	599,99 g
Default unit	g
Units	g ct
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 g (F1)
Possible calibration points	600 g
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,05 g
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg

Approval	
CE mark	✓

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

Counting resolution (laboratory conditions) 30.000

## Power Supply

Input voltage power supply / power [Max] 100 V - 240 V, 50 / 60 Hz

Input voltage device / power [Max] 12 V, 500 mA

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  
UK  
US  
CH

Battery / accumulator type Pb

Battery connection proprietary plug

## 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 2 kg

Shipping method Parcel service

Net weight approx. 2,0 kg

Gross weight approx. 2,4 kg

Shipping weight 5,8 kg

## Services (optional)

Article number for adjustment at the location of installation 961-247

Article number for DAkkS calibration 963-127

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

## Pictograms

### STANDARD



### OPTION



### FACTORY

