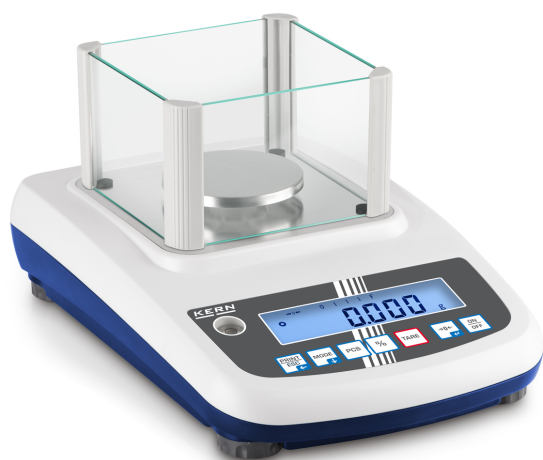


KERN PFB 300-3



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



Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,001 g
Readability carat [d] (ct)	0,005 ct
Weighing capacity [Max]	300 g
Weighing capacity [Max] (ct)	1500 ct
Eccentric loading at 1/3 [Max]	0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	4 g
Reproducibility	0,002 g
Linearity	± 0,005 g
Weighing system	Strain gauge
Resolution	300.000
Units	g t dwt tl (Tw) tl (HK) ozt ct mo lb N oz tl (Cn) bat dot
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 g (F1)

Approval

CE mark	✓
---------	---

Display

Display digit height	15 mm
----------------------	-------

Display backlight	✓
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
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material draught shield	plastic
Material load cell(s)	aluminium
Transport safety lock - bolt torque	0,1 Nm

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)
IP protection - load cell	IP65

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)	150.000

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

KERN PFB 300-3



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

Supplied plug-in 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

Environmental conditions

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

Packing & Shipping

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

Services (optional)

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

Piktogramme

STANDARD



OPTION



FACTORY

