

# KERN PFB 300-3

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



	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)	80 mm
Dimensions weighing surface	80 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)	150.000

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

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	300 g
Readability [d]	0,001 g
Reproducibility	0,003 g
Linearity	± 0,005 g
Resolution	300.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 g (F1)
Possible calibration points	100 g; 200 g; 300 g
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,004 g
USP Minimum weight of sample (k = 2, U = 0.1%)	6 g
Construction type of the scale	Single-range balance

	kg
	g
	t
	gn
	dwt
Units	tl (Tw)
	tl (HK)
	ozt
	tl (Singap, Malays)
	ct
	mo
	lb

# KERN PFB 300-3



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

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	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	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)

Power Supply	
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	Plug-in terminals
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	✓

Services (optional)	
Article number for DAkkS calibration	963-127
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.	1,2 kg
Gross weight approx.	2,6 kg
Shipping weight	6 kg

Product information	
GTIN/EAN number	404576 1476295
Trade number	90160010
REACH classification	no prohibited substances

# KERN PFB 300-3



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

## Pictograms

### STANDARD



### OPTION



### FACTORY

