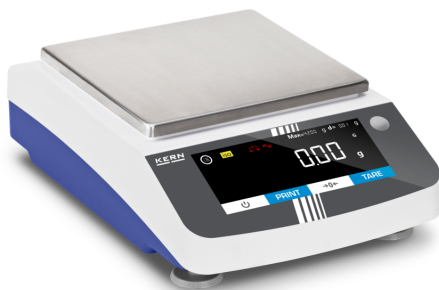


KERN PDS 4000-2

KERN

Precision balance with flexible functionality and touch display



Default unit	g
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Display	
Display type	LCD
Display type	LCD
Display backlight	✓
Display screen size	140×48 mm
Display segments	7
Display digit height	20 mm
Languages of the user interface	English Symbol language

Construction	
Dimensions completely mounted (W×D×H)	213×322×101 mm
Dimensions weighing surface (W×D)	185×185 mm
Dimensions weighing surface	185×185 mm
Material housing	ABS plastic
Material weighing plate	stainless steel
Material display housing	glass
Level indicator	✓
Levelling feet adjustable	✓

Functions	
Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Density determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (included in delivery)
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	42.000
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	5, 10, 20, 50, 100
Peak function	✓
Statistic function	✓
Auto-off interval(s) in mains power mode	off

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

Measuring System	
Weighing system	Force compensation
Weighing capacity [Max]	4200 g
Readability [d]	0,01 g
Reproducibility	0,03 g
Linearity	± 0,03 g
Resolution	420.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	4 kg (E2)
Possible calibration points	2 kg; 4 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,06 g
USP Minimum weight of sample (k = 2, U = 0.1%)	60 g
Construction type of the scale	Single-range balance
Units	kg
	g
	gn
	dwt
	tl (Tw)
	ozt
	ct
	lb
	N
	oz
	ffa
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg

KERN PDS 4000-2



Precision balance with flexible functionality and touch display

Tare function manual (multi)

Number of keys for operation 4

Interface

Interfaces RS-232 standard
USB-Device

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

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

Power supply cable removable removable

Input voltage device / power [Max] 12 V; 2 A

Power socket for mains adapter Hollow plug, inside plus,
Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm

Environmental conditions

Ambient temperature [Min] 15 °C

Ambient temperature [Max] 25 °C

Humidity of environment [Min] 15 %

Humidity of environment [Max] 80 %

Storage temperature [Min] -10 °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) 370×470×340 mm

Shipping method Parcel service

Net weight approx. 3,6 kg

Gross weight approx. 6 kg

Shipping weight 11,8 kg

Product information

GTIN/EAN number 4045761481923

Trade number 90160010

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

