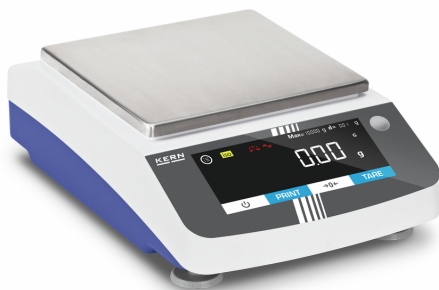


KERN PDS 10K-5

KERN

Precision balance with flexible functionality and touch display



Maximum creep (30 minutes)	200 mg
Default unit	g

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)	207×318×110 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)	102.000
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	1 ... 100
Peak function	✓
Statistic function	✓

Category

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

Measuring System

Weighing system	Force compensation
Weighing capacity [Max]	10200 g
Readability [d]	0,01 g
Reproducibility	0,03 g
Linearity	± 0,03 g
Resolution	1.020.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (E2)
Possible calibration points	1 kg; 5 kg
Stabilization time	5 s
Warm-up time	8 h
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

KERN PDS 10K-5

KERN

Precision balance with flexible functionality and touch display

Auto-off interval(s) in mains power mode	off
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Tare function	manual (multi)
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Number of keys for operation	4
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Interface

Interfaces	RS-232 standard USB-Device
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Power Supply

Supplied power supply	Power supply unit
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Power supply type	Power adapter
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
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Power supply cable removable	removable
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Input voltage device / power [Max]	12 V; 2 A
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Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm
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Environmental conditions

Ambient temperature [Min]	15 °C
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Ambient temperature [Max]	25 °C
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Humidity of environment [Min]	15 %
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Humidity of environment [Max]	80 %
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Storage temperature [Min]	-10 °C
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Storage temperature [Max]	60 °C
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Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration	963-104
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	370×470×340 mm
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Shipping method	Parcel service
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Net weight approx.	5,0 kg
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Gross weight approx.	8 kg
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Shipping weight	11,8 kg
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Product information

GTIN/EAN number	404576 1484788
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REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION

