

KERN PCJ 6000-1M

Precision balance with alibi memory and optional verification

KERN



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dwt
tl (Tw)
tl (HK)
ozt
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ct
mo
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ffa
m

Default unit	g
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display type	LCD
Display backlight	✓
Display screen size	89×30 mm
Display segments	7
Display digit height	21 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	163×245×80 mm
Dimensions completely mounted (W×D×H)	163×245×80 mm
Dimensions weighing surface (W×D)	150×170 mm
Dimensions weighing surface	150×170 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	stainless steel
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

Functions

Sum memory function	✓
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (included in delivery)

Category

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

Measuring System

Automatic adjustment - Standard temperature deviation	2 °C
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Automatic adjustment - Standard time interval	8 h
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Minimum weight [Min]	5 g
Conformity assessment possible	✓
Resolution	60.000
Tare range	6000 g
Adjustment options	Adjusting with internal weight (manual)
Possible calibration points	2 kg; 6 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
Units (if device is conformity assessed)	kg g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Construction type of the scale	Single-range balance
Units	kg g

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Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 50, free, Input
Hold function	✓
IP protection - display	no IP protection
Memory function	✓
Memory - total size	0,016 GB
	5 min
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 min
	30 min
	60 min
	30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	5

Interface

Interfaces	RS-232 (optional) Bluetooth (optional) Ethernet (optional) USB-Device (optional) KUP WiFi (optional)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
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 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]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm
Battery / accumulator type	Li-Metal
Battery connection	Plug-in terminals
Battery operating time	20 h
Battery capacity	220 mAh
Battery voltage	3 V
Battery - Number of cells	1
Battery - Individual weight	2,9 g
Battery - Total weight	2,9 g
Battery - Construction	Individual cells
Battery capacity (Wh)	0,66 Wh
Battery - Lithium content	64 mg
Battery - Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional - intern
Battery/Accu connected	not connected, isolated in the device

Environmental conditions

Ambient temperature [Min]	15 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	II
Verification scale interval [e]	1 g

Services (optional)

Article number for conformity assessment	965-217
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Article number for DAkkS
calibration 963-128

Article number for certificate of
conformity 969-517

Packing & Shipping

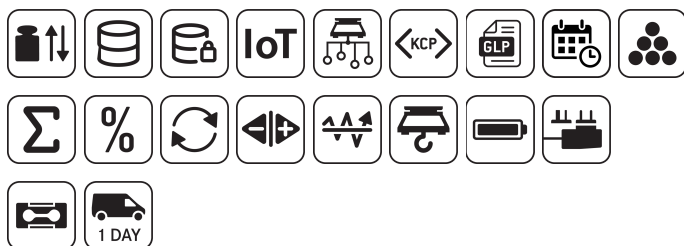
Delivery time	1 d
Dimensions packaging (W×D×H)	235×365×175 mm
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	3,38 kg

Product information

GTIN/EAN number	4045761215825
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

