

KERN PCJ 6000-1M

KERN

Precision balance with alibi memory and optional verification



Category

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

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,1 g
Resolution	60.000
Linearity	± 0,3 g
Reproducibility	0,1 g
Tare range	6000 g
Default unit	g

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

Units (if device is conformity assessed)

kg
g

Minimum weight [Min]

5 g

Adjustment options

Adjusting with internal weight (manual)

Possible calibration points	2 kg; 6 kg
Automatic adjustment - Standard time interval	8 h
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
Loadcell type	aluminium IP65 silicone-coated

Approval

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

Display

Display type	LCD
Display type	LCD
Display screen size	89×30 mm
Display backlight	✓
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
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	150×170 mm
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min

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	30 min 60 min 30 sec
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Recipe/summing level	Rez A (Net total)
Sum memory function	✓
Memory function	✓
Memory - total size	0,016 GB
Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Underfloor weighing	Hook (included in delivery)
Interfaces	RS-232 (optional) Bluetooth (optional) Ethernet (optional) USB-Device (optional) KUP WiFi (optional)
IP protection - display	no IP protection

Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, free, Input
Counting resolution (laboratory conditions)	30.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Plug-in power supply type	Power adapter
Supplied 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
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Battery	4×1.5 V AA
Battery / accumulator type	Li-Ion
Battery connection	Plug-in terminals
Battery capacity	220 mAh
Battery voltage	3 V
Battery operating time	20 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	235×365×175 mm
Net weight	2,7 kg
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,4 kg
Shipping weight	3,38 kg

Services (optional)

Article number for conformity assessment	965-217
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

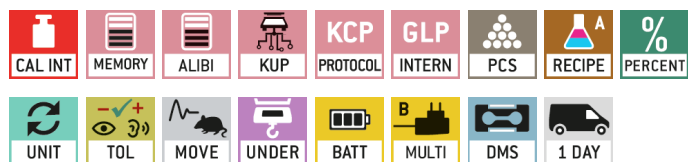
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Pictograms

STANDARD



OPTION



FACTORY

