

KERN PCJ 6000-1M

Precision balance with alibi memory and optional verification



Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Minimum weight [Min]	5 g
Resolution	60.000
Tare range	6000 g
Adjustment options	Adjusting with internal weight (manual)
Possible calibration points	2 kg; 6 kg
Automatic adjustment - Standard temperature deviation	2 °C
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
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
Conformity assessment possible	✓
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	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

Functions

Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

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Underfloor weighing	Hook (included in delivery)	US CH
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	
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)
EasyTouch (ET) - Compatibility	vollständig

Power Supply

Supplied power supply	Power supply unit
Plug-in 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

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Battery / accumulator type	Li-Ion
Battery	4×1.5 V AA
Battery connection	Plug-in terminals
Battery operating time	20 h
Battery capacity	220 mAh
Battery voltage	3 V
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	Rchg. battery optional - intern

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
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	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

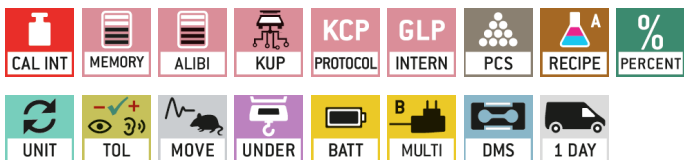
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Pictograms

STANDARD



OPTION



FACTORY

