

# KERN PCJ 600-2M

Precision balance with alibi memory and optional verification



Possible calibration points	0 g; 100 g; 200 g; 400 g; 600 g
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]	0,03 g

## Approval

CE mark	✓
Accuracy classe	II
Verification scale interval [e]	0,1 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)	130×130 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
	5 min
Auto-off interval(s) in battery mode/rechargeable battery mode	2 min
	1 min
	30 min

## 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]	600 g
Readability [d]	0,01 g
Resolution	60.000
Linearity	± 0,03 g
Reproducibility	0,01 g
Tare range	600 g
Default unit	g

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

Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g

Adjustment options	Adjusting with internal weight (manual)
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	60 min 30 sec
PreTare function	✓
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	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
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 kg
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	2,6 kg
Shipping weight	3 kg

Services (optional)	
Article number for conformity assessment	965-216
Article number for DAkKS calibration	963-127
Article number for certificate of conformity (verification)	969-517

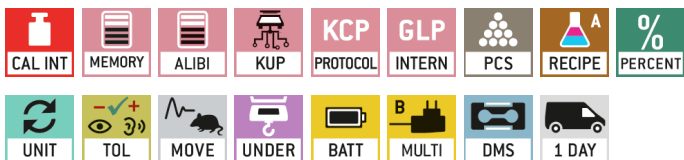
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## Pictograms

### STANDARD



### OPTION



### FACTORY

