KERN **PCJ 600-2M**

Precision balance with alibi memory and optional verification



Category

Brand	KERN
Product categoriy	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]	600 g
Automatic adjustment - Standard time interval	8 h
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,03 g
Minimum weight [Min]	0,5 g
Conformity assessment possible	✓
Resolution	60.000
Tare range	600 g
Adjustment options	Adjusting with internal weight (manual)
Possible calibration points	0 g; 100 g; 200 g; 400 g; 600 g
Stabilization time	4 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g
Units (if device is conformity assessed)	kg g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Construction type of the scale	Single-range balance

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

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)	131×131 mm
Dimensions weighing surface	131×131 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

PreTare function	✓
Sum memory function	✓
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

KERN **PCJ 600-2M**

Precision balance with alibi memory and optional verification

Underfloor weighing	Hook (included in delivery)
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	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 50, free, Input
Hold function	✓
IP protection - display	no IP protection
Memory function	✓
Memory - total size	0,016 GB
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 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-Ion
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
Humity of environment [Max]	80 %

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	II
Verification scale interval [e]	0,1 g

KERN **PCJ 600-2M**

Precision balance with alibi memory and optional verification

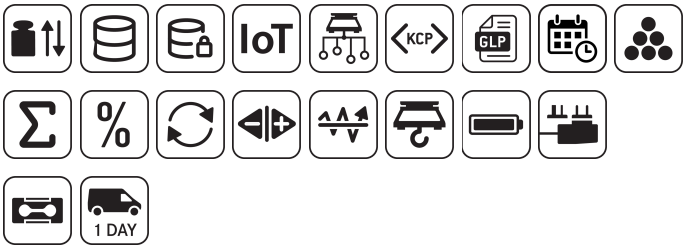
Services (optional)	
Article number for conformity assessment	965-216
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	235×365×175 mm
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	2,6 kg
Shipping weight	3 kg

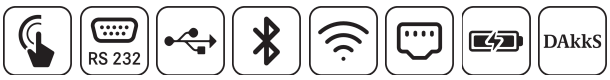
Product information	
GTIN/EAN number	4045761215818
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

