KERN **PCD 6K-4**

High-resolution precision balance with removable display for maximum flexibility

Maximum creep (30 minutes)	2 g

Approval

CE mark	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	21 mm
Languages of the user interface	English

Construction

Dimensions device (W×D×H)	165×280×75 mm
Dimension display device (W×D×H)	140×46×75 mm
Dimension housing (W×D×H)	165×280×75 mm
Dimensions weighing platform (W×D×H)	161×161×7 mm
Dimensions completely mounted (W×D×H)	165×280×75 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	160×160 mm
Display device cable length	1,2 m
Levelling feet adjustable	✓
Stand height	250 mm
Stand inclinable	✓

Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	PCD

Measuring System

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	g gn dwt tl (HK) ozt tl (Singap, Malays) ct mo oz ffa tol
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (F1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,5 g
Maximum creep (15 minutes)	1 g

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	3 min off
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Peak function	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	200 mg

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Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	30.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
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	US
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery operating time - backlight off	24 h
Battery	9 V block
Battery connection	Plug-in terminals
Battery operating time	12 h

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	250×360×160 mm
Net weight	1,7 kg
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,2 kg
Shipping weight	2,9 kg

Services (optional)

Article number for adjustment at the location of installation	961-248

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

Pictograms

STANDARD

CAL EXT | RS 232 | GLP PRINTER | PCS | RECIPE | PERCENT | UNIT | MOVE | BATT

MULTI | DMS | 1 DAY

OPTION

ACCU | DAkkS +3 DAYS