KERN **PCD 2500-2**

High-resolution precision balance with removable display for maximum flexibility



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	2500 g
Readability [d]	0,01 g
Reproducibility	0,02 g
Linearity	± 0,05 g
Resolution	250.000
Tare range	2500 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1)
Possible calibration points	500 g; 1 kg; 1,5 kg; 2 kg; 2,5 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	40 g
Construction type of the scale	Single-range balance
Units	g gn dwt tl (Tw) tl (HK) ozt ct mo lb oz ffa tol
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g

Display

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

Construction

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

Functions

Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	125.000
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, 25, 50
Peak function	✓

KERN **PCD 2500-2**

High-resolution precision balance with removable display for maximum flexibility

Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	5

Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Power supply unit
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	US
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø inside 2,1 mm, Ø outside 5,5 mm, long 12 mm
Battery	9 V block
Battery connection	Plug-in terminals
Battery operating time	12 h
Rechargeable battery	PCD-A04
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery operating time - backlight off	24 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

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

Approval

CE mark	✓

Services (optional)

Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

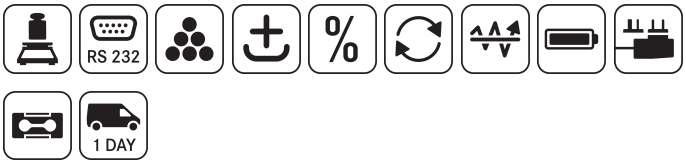
Delivery time	1 d
Dimensions packaging (W×D×H)	246×357×160 mm
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,4 kg
Shipping weight	2,8 kg

Product information

GTIN/EAN number	4045761146501

Pictograms

STANDARD



OPTION

