

# KERN PCD 3000-2

**KERN**

High-resolution precision balance with removable display for maximum flexibility



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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	Plastics
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)	175.000
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	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off

Category	
Brand	KERN
Product category	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]	3500 g
Readability [d]	0,01 g
Reproducibility	0,02 g
Linearity	± 0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	40 g
Resolution	350.000
Tare range	3500 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (F1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,05 g
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g

	g
	gn
	dwt
Units	tl (Tw)
	tl (HK)
	ozt
	tl (Singap, Malays)

# KERN PCD 3000-2



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Auto-off interval(s) in mains power mode off

Tare function manual (multi)

Number of keys for operation 5

## Interface

Interfaces RS-232 standard

EasyTouch (ET) - Connection type RS232

## 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 US

Input voltage power supply / power [Max] 220 V - 240 V AC, 50 Hz

Input voltage device / power [Max] 9 V, 300 mA

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

Humidity 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 (verification) 969-517

## Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 245×360×170 mm

Net weight 1,939 kg

Shipping method Parcel service

Net weight approx. 2,0 kg

Gross weight approx. 2,8 kg

Shipping weight 3 kg

## Pictograms

### STANDARD



### OPTION

