KERN **PCB 300-3-Rez**

Upgrade your laboratory balance to a high-end recipe balance for the pharmaceutical, chemical and food industries



Date of creation: 24.10.2026

Category	
Brand	KERN
Product category	Balance software bundle
Product group	Recipe balance
Product family	PCB-Rez

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	360 g
USP Minimum weight of sample (k = 2, U = 0.1%)	4 g
Readability [d]	0,001 g
Reproducibility	0,002 g
Resolution	360.000
Tare range	350 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1)
Possible calibration points	100 g; 200 g; 350 g
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,006 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
	PCS %
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Default unit	g
Warm-up time	120 min

Display	
Display type	LCD
Display backlight	✓
Display screen size	89×30 mm
Display digit height	21 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	163×245×65 mm
Dimensions completely mounted (W×D×H)	163×245×123 mm
Dimensions ring-shaped draught shield - inner (Ø×H)	90×40 mm
Dimensions weighing surface (Ø)	105 mm
Dimensions weighing surface	105 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	stainless steel
Material draught shield	plastic
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓

Functions	
Hold function	✓
IP protection - display	no IP protection
PreTare function	✓
Percentage determination	✓
Sum memory function	✓
Function for averaging under unstable weighing conditions	✓
Tolerance weighing	✓
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec

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Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Counting resolution (laboratory conditions)	180.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	2 mg
Reference quantity	5, 10, 20, 50, free, Input
Number of keys for operation	5
Smallest piece weight when piece counting - normal conditions	20 mg
Tolerance weighing - type of signal	acoustically visual

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	4×1.5 V AA
Battery connection	Battery insert
Battery operating time	20 h
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

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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)	235×365×175 mm
Shipping method	Parcel service
Net weight approx.	0,85 kg
Gross weight approx.	1,8 kg
Shipping weight	3 kg
Shipping volume weight	3 kg

Product information

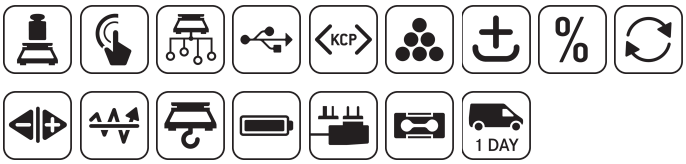
GTIN/EAN number	4045761484092
Trade number	90160010
Warranty Time	36 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD



OPTION

