

# KERN RPB 6K1DHM

**KERN**

Retail scale with memories for item prices



## Category

Brand	KERN
Product category	Industrial scale
Product group	Price computing scale
Product family	RPB

## Measuring System

Construction type of the scale	Multi-division balance
Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	3 kg; 6 kg
Readability [d]	0,001 kg; 0,002 kg
Resolution	3.000, 3.000
Terminal resolution (not verifiable)	6.000
Terminal resolution (verifiable)	6.000
Linearity	± 0,003 kg; 0,006 kg
Reproducibility	0,001 kg; 0,002 kg
Tare range	-5,998 kg
Default unit	kg
Units	kg g
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,02 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	1 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,005 kg; 0,01 kg
Loadcell type	Tscale BX6

## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,001 kg; 0,002 kg
Conformity assessment possible ex works	✓

## Display

Display type	LCD
Display backlight	✓
Display digit height	15 mm

## Construction

Dimension housing (W×D×H)	283×318×100,3 mm
Dimensions completely mounted (W×D×H)	283×375,5×486,8 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	204×263 mm
Transport safety lock - bolt torque	0,1 Nm
Load cells - number	1
Levelling feet adjustable	✓
Stand height	480 mm
Stand rotatable	✓
Stand inclinable	no

## Functions

Number of keys for operation	20
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	off
Tare function	manual (single)
PLU - total	10
Function for price calculation	✓
Memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard
IP protection - complete device	-

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit

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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	60 h
Battery	no battery
Battery / accumulator type	Pb

## Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	510×342×196 mm
Net weight	3,2 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	6,8 kg

## Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

