KERN **RIB 6K-3M**

Robust retail scale with large item memory and user-friendly handling, verification optional



Date of creation: 13.11.2026

Category

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

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	3 kg; 6 kg
Readability [d]	0,001 kg; 0,002 kg
Reproducibility	0,001 kg; 0,002 kg
Linearity	± 0,001 kg; 0,002 kg
Minimum weight [Min] (verifiable)	0,02 kg; 0,04 kg
Resolution	3.000, 3.000
Tare range	6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F2); 1 kg (F2)
Possible calibration points	6 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,005 kg; 0,01 kg
Conformity assessment possible	✓
Construction type of the scale	Multi-range balance
Units	kg
Units (if device is conformity assessed)	kg
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated
Warm-up time	10 min; 10 min

Display

Display type	LCD
Display backlight	✓
Display segments	7
Display digit height	18 mm
Additional display	18 mm

Construction

Dimension housing (W×D×H)	325×340×115 mm
Dimensions completely mounted (W×D×H)	325×340×115 mm
Dimensions weighing surface (W×D)	294×225 mm
Dimensions weighing surface	294×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	plastic
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓

Functions

IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 10 min
Auto-off interval(s) in mains power mode	3 min off 30 min selectable 15 min
Tare function	manual (single)
Underfloor weighing	None
PLU - direct keys	10
PLU - total	20
Memory function	✓
Function for price calculation	✓
Number of keys for operation	33

Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter

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Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 1000 mA
Power socket for mains adapter	Inside plus, outside minus
Battery / accumulator type	Pb
Battery	no battery
Battery connection	Plug-in terminals
Battery – Individual weight	741,8 g
Rechargeable battery	6 V, 4 Ah
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
Rechargeable battery charging time	14 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,001 kg; 0,002 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	969-517

Packing & Shipping

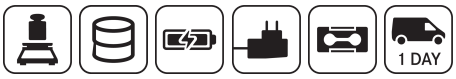
Delivery time	1 d
Dimensions packaging (W×D×H)	380×380×150 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,6 kg
Shipping weight	4,5 kg
Shipping volume weight	4,3 kg

Product information

GTIN/EAN number	4045761180819
Trade number	84238125
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

