KERN **WTB 6K-3NM**

Ideal for food industry, thanks to its IP65 protection and special checkweighing display, verification optional

Date of creation: 02.10.2026

Category

Brand	KERN
Product category	Industrial scale
Product group	IP protected bench scale
Product family	WTB

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	6000 g
Readability [d]	2 g
Reproducibility	2 g
Linearity	± 2 g
Minimum weight [Min] (verifiable)	40 g
Resolution	3.000
Tare range	5998 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	2 g
Construction type of the scale	Single-range balance
Units	g
Units (if device is conformity assessed)	g
Default unit	g
Loadcell type	aluminium IP65 silicone-coated
Warm-up time	10 min

Display

Display type	LCD
Display backlight	✓
Display digit height	25 mm
Additional display	20 mm

Construction

Dimension housing (W×D×H)	286×316×126,5 mm
Dimensions completely mounted (W×D×H)	286×316×126,5 mm
Dimensions weighing surface (W×D)	263×203 mm
Dimensions weighing surface	263×203 mm
Material housing	plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Load cells - number	1

Functions

IP protection - complete device	IP65
IP protection - load cell	IP65
Tolerance weighing	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 15 min
Auto-off interval(s) in mains power mode	3 min off 5 min 15 min
Tare function	manual (multi)
Underfloor weighing	None
Tolerance weighing - type of signal	acoustically visual

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	EURO AUS UK

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	US CH
Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery	WTB-A01N
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

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

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

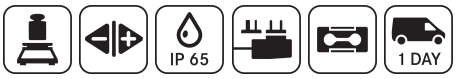
Delivery time	1 d
Dimensions packaging (W×D×H)	395×340×205 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,5 kg
Shipping volume weight	5,5 kg

Product information

GTIN/EAN number	4045761151468
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

FACTORY