

KERN WTB 6K-3NM

KERN

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



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]	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
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	2 g
Units (if device is conformity assessed)	g
Construction type of the scale	Single-range balance
Units	g
Default unit	g
Loadcell type	aluminium IP65 silicone-coated

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	
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
IP protection - complete device	IP65
IP protection - load cell	IP65
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)

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 US CH
Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	2 g

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

Product information

GTIN/EAN number	4045761151468
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

