

# KERN WTB 3K-4N

# KERN

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



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

Measuring System	
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	0,5 g
Resolution	6.000
Linearity	± 1 g
Reproducibility	0,5 g
Tare range	-2999,5 g
Default unit	g
Units	g
Units (if device is conformity assessed)	g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Possible calibration points	1,5 kg; 3 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	2,5 g
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Loadcell type	aluminium IP65 silicone-coated

## Approval

CE mark	✓
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## Display

Display type	LCD
Display backlight	✓
Display digit height	25 mm

## Construction

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

## Functions

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

## Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery	no battery

## 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)	395×340×205 mm
Net weight	3,2 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,5 kg

## Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

