

KERN WTB 30K-2NM

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



Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	10 g
Conformity assessment possible ex works	✓

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

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]	30000 g
Readability [d]	10 g
Resolution	3.000
Linearity	± 10 g
Reproducibility	10 g
Tare range	-29990 g
Default unit	g
Units	g
Units (if device is conformity assessed)	g
Minimum weight [Min]	200 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	10 g
Loadcell type	aluminium IP65 silicone-coated

Approval	
CE mark	✓

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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 - 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
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)	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	961-248
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

