

KERN UFB 1.5T0.5M

Pallet scale with steel load support (IP67), verification optional



Verification scale interval [e]	0,5 kg
Conformity assessment possible ex works	✓

Display	
Display type	LCD
Display backlight	✓
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing platform (W×D×H)	1190×840×90 mm
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	1190×840 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	30 m
Material load cell(s)	alloyed steel
Load cells - number	4
Levelling feet adjustable	✓
Stand inclinable	✓

Functions	
Number of keys for operation	7
Auto-off interval(s) in mains power mode	off 5 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory)
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Category	
Brand	KERN
Product category	Industrial scale
Product group	Pallet scale
Product family	UFB

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	1500 kg
Readability [d]	0,5 kg
Resolution	3.000
Linearity	± 1 kg
Reproducibility	0,5 kg
Tare range	-1500 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	10 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1500 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	1 kg
Loadcell type	ZEMIC H8C 1 ton
Load cell connection	4-wire

Approval	
CE mark	✓
Accuracy classe	III

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Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for conformity assessment	965-230
Article number for DAkkS calibration	963-130
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY



	analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
IP protection - display	no IP protection
IP protection - load cell	IP67

Counting

Reference quantity	10, 20, 50, 100, 200
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Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
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 CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH

Rechargeable battery optional	Rchrg. battery optional (factory)
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Battery	no battery
Battery / accumulator type	Pb

Environmental conditions

Humidity of environment [Min]	10 %
Humidity of environment [Max]	95 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1400×875×300 mm
Net weight	51 kg
Shipping method	Freight
Net weight approx.	55 kg
Gross weight approx.	85 kg
Shipping weight	81 kg