

KERN UFB 1.5T0.5M

KERN

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



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
Reproducibility	0,5 kg
Linearity	± 1 kg
Minimum weight [Min]	10 kg
Resolution	3.000
Tare range	-1500 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
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Loadcell type	ZEMIC H8C 1 ton
Load cell connection	4-wire

Display

Display type	LCD
Display backlight	✓

Display segments	5 + 1/2
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 surface (W×D)	1190×840 mm
Dimensions weighing surface	1190×840 mm
Dimensions weighing platform (W×D×H)	1360×840×90 mm
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Material display housing	Plastics
Material load cell(s)	alloyed steel
Level indicator	✓
Levelling feet adjustable	✓
Stand inclinable	✓
Transport wheels	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	30 m
Load cells - number	4

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Reference quantity	10, 20, 50, 100, 200
IP protection - display	no IP protection
IP protection - load cell	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
Auto-off interval(s) in mains power mode	off 5 min 15 min
Tare function	manual (single & multi)
Number of keys for operation	7

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Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
EasyTouch (ET) - Connection type	RS232 (+optionale Schnittstellen)

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
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
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,5 kg

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

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1410×890×310 mm
Shipping method	Freight
Net weight approx.	55 kg
Gross weight approx.	90 kg
Shipping weight	88 kg

Pictograms

STANDARD



OPTION



FACTORY

