KERN **UIB 1.5T-4**

Pallet scale with steel load support (IP67) and the best price-to-performance ratio

Date of creation: 22.06.2026

Category

Brand	KERN
Product category	Industrial scale
Product group	Pallet scale
Product family	UIB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	1500 kg
Readability [d]	0,5 kg
Reproducibility	0,5 kg
Linearity	± 1,5 kg
Resolution	3.000
Tare range	-1500 kg
Adjustment options	Adjusting with external weight
Possible calibration points	1000 kg
Stabilization time	4 s
Eccentric loading at 1/3 [Max]	2,5 kg
Construction type of the scale	Single-range balance
Units	kg lb
Load cell connection	4-wire
Maximum creep (15 minutes)	2 kg
Maximum creep (30 minutes)	4 kg
Default unit	kg
Loadcell type	KELI SQB

Display

Display type	LCD
Display backlight	✓
Display digit height	25 mm

Construction

Dimension display device (W×D×H)	235×114×51 mm
Dimensions weighing surface (W×D)	1195×840 mm
Dimensions weighing surface	1195×840 mm
Dimensions weighing platform (W×D×H)	1195×840×110 mm
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓
Stand inclinable	✓
Wall mount	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	15 m
Platform Construction	welded
Load cells - number	4

Functions

Underfloor weighing	None
Reference quantity	10, 20, 50, 100, 200
Hold function	✓
IP protection - load cell	IP67
Auto-off interval(s) in mains power mode	off 5 min 15 min
Tare function	manual (single)
Number of keys for operation	4

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A

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Input voltage device / power [Max]	9 V, 100 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 10 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	60 h
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1240×890×270 mm
Shipping method	Freight
Net weight approx.	46 kg
Gross weight approx.	75 kg
Shipping weight	72 kg

Product information

GTIN/EAN number	4045761203198
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD

OPTION