

KERN UFA 1.5T0.5

KERN

Highly versatile weighing beams (IP67) for large loads to 1500 kg



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)	250×160×65 mm
Dimensions weighing platform (W×D×H)	1270×170×85 mm
Dimensions ring-shaped draught shield - outer (Ø×H)	1200×120 mm
Material display housing	Plastics
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	1200×120 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	20 m
Material load cell(s)	aluminium
Load cells - number	4
Levelling feet adjustable	✓
Wall mount	✓
Stand inclinable	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (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) analogue (0 - 10 V) (optional, factory)
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Category

Brand	KERN
Product category	Industrial scale
Product group	Weighing beam
Product family	UFA

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
	g
	lb
	oz
	lb:oz

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
Maximum creep (15 minutes)	2 kg
Maximum creep (30 minutes)	4 kg
Loadcell type	ZEMIC-H8C-1T
Load cell connection	6-wire

Approval

CE mark	✓
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	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

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

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Rechargeable battery optional	Rchrg. battery optional (factory)
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Battery / accumulator type	Pb

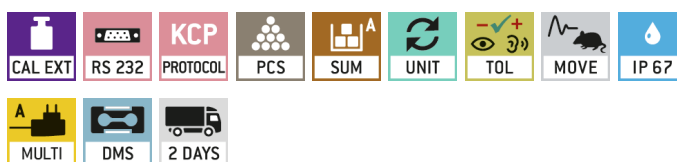
Environmental conditions	
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping	
Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1315×495×345 mm
Net weight	39 kg
Shipping method	Freight
Net weight approx.	40 kg
Gross weight approx.	65 kg
Shipping weight	62 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

