

# KERN UFA 3T-3L

# KERN

Highly versatile weighing beams (IP67) for large loads to 3000 kg



## 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]	3000 kg
Readability [d]	1 kg
Resolution	3.000
Linearity	± 2 kg
Reproducibility	1 kg
Tare range	-3000 kg
Default unit	kg

Units	kg
	g
	lb
	oz
	lb:oz

Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	2 kg
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Loadcell type	H8C (ZEMIC)
Load cell connection	6-wire

## Approval

CE mark	✓
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## Display

Display type	LCD
Display backlight	✓
Display digit height	52 mm

## Construction

Dimension display device (W×D×H)	250×160×65 mm
Dimensions weighing platform (W×D×H)	2000×120×90 mm
Material display housing	Plastics
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	2085×120 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)
	analogue (4 - 20 mA) (optional, factory)

IP protection - display	no IP protection
IP protection - load cell	IP67

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## Counting

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

Input voltage power supply / power [Max]	110 V - 230 V AC
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Input voltage device / power [Max]	12 V, 500 mA
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Plug-in power supply type	Power adapter
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Supplied power supply	Power supply unit
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Rechargeable battery optional	Rchrg. battery optional (factory)
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Rechargeable battery charging time	10 h
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Rechargeable battery operating time - backlight on	8 h
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Rechargeable battery operating time - backlight off	35 h
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Battery / accumulator type	Pb
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## Environmental conditions

Humidity of environment [Min]	0 %
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Humidity of environment [Max]	80 %
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Ambient temperature [Min]	-10 °C
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Ambient temperature [Max]	40 °C
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Storage temperature [Min]	-20 °C
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Storage temperature [Max]	60 °C
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## Packing & Shipping

Readability force [d] (N)	2 d
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Dimensions packaging (W×D×H)	2180×440×350 mm
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Net weight	56 kg
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Shipping method	Freight
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Net weight approx.	60 kg
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Gross weight approx.	90 kg
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Shipping weight	90 kg
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## Services (optional)

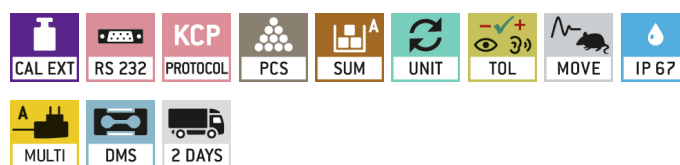
Article number for adjustment at the location of installation	961-252
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Article number for DAkkS calibration	963-132
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Article number for certificate of conformity (verification)	969-517
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## Pictograms

### STANDARD



### OPTION



### FACTORY

