

KERN UFA 6T-3

KERN

Highly versatile weighing beams (IP67) for large loads to 6000 kg



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6000 kg
Readability [d]	2 kg
Reproducibility	2 kg
Linearity	± 4 kg
Resolution	3.000
Tare range	-6000 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6000 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	4 kg
Load cell connection	6-wire
Construction type of the scale	Single-range balance
Units	kg g lb oz lb:oz
Maximum creep (15 minutes)	8 kg
Maximum creep (30 minutes)	16 kg
Default unit	kg
Loadcell type	ZEMIC H8C 3 ton

Display

Display type	LCD
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Display backlight	✓
Display segments	5 + 1/2
Display digit height	52 mm

Construction

Dimension display device (W×D×H)	250×160×65 mm
Dimensions weighing surface (W×D)	1200×160 mm
Dimensions weighing surface	1200×160 mm
Dimensions weighing platform (W×D×H)	1270×160×115 mm
Material weighing plate	steel, lacquered
Material platform	steel, lacquered
Material display housing	plastic
Material load cell(s)	alloyed steel
Levelling feet adjustable	✓
Stand inclinable	✓
Wall mount	✓
Display device cable length	5 m
Allowed cable length display device [Max]	20 m
Cable length between weighing beam	5 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	selectable
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory)
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analogue (0 - 10 V)
(optional, factory)
analogue (4 - 20 mA)
(optional, factory)

Article number for certificate of conformity 969-517

Packing & Shipping

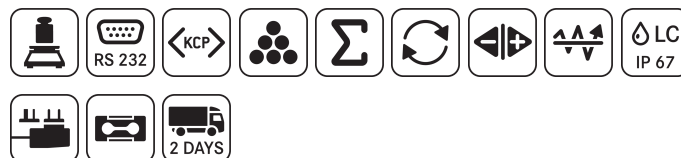
Delivery time	2 d
Dimensions packaging (W×D×H)	1320×500×360 mm
Shipping method	Freight
Net weight approx.	90 kg
Gross weight approx.	115 kg
Shipping weight	112 kg

Product information

GTIN/EAN number	4045761194618
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY



Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter

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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Power supply - Cable length	180 cm
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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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Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
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Battery / accumulator type	Pb
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Rechargeable battery	6 V, 1.2 Ah
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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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Rechargeable battery charging time	10 h
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Rechargeable battery optional	Rchrg. battery optional (factory)
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Environmental conditions

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

CE mark	✓
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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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