

KERN UFA 6T-3L

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



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)	2000×160×115 mm
Material display housing	Plastics
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	2000×160 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]	6000 kg
Readability [d]	2 kg
Resolution	3.000
Linearity	± 4 kg
Reproducibility	2 kg
Tare range	-6000 kg
Default unit	kg

Units	kg
	g
	lb
	oz
	lb:oz

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
Maximum creep (15 minutes)	8 kg
Maximum creep (30 minutes)	16 kg
Loadcell type	aluminium IP67 silicone-coated + glued on plate
Load cell connection	6-wire

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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
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

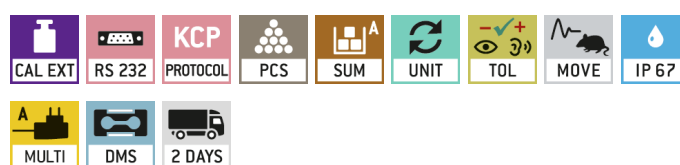
Packing & Shipping	
Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	2170×450×380 mm
Net weight	129 kg
Shipping method	Freight
Net weight approx.	130 kg
Gross weight approx.	175 kg
Shipping weight	171 kg

Services (optional)

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

Pictograms

STANDARD



OPTION



FACTORY

