

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	
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	H8C (ZEMIC)
Load cell connection	6-wire

Zulassung	
CE mark	✓

Display	
Display type	LCD
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 platform (W×D×H)	1200×160×115 mm
Material display housing	Plastics
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	1200×160 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)
	analogue (4 - 20 mA) (optional, factory)
IP protection - display	no IP protection

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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

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

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Min] 0 %

Humidity of environment [Max] 80 %

Packing & Shipping

Readability force [d] (N) 2 d

Dimensions packaging (W×D×H) 1320×500×360 mm

Net weight 89 kg

Shipping method Freight

Net weight approx. 90 kg

Gross weight approx. 115 kg

Shipping weight 112 kg

Services (optional)

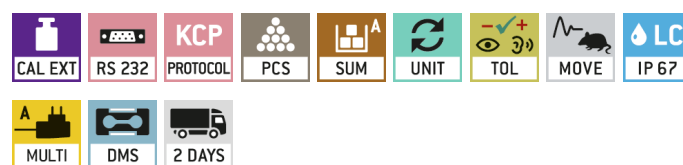
Article number for adjustment at the location of installation 961-252

Article number for DAkkS calibration 963-132

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION



FACTORY

