

KERN UFA 3T1

KERN

Highly versatile weighing beams (IP67) for large loads to 3000 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
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) analogue (4 - 20 mA) (optional, factory)
IP protection - display	no IP protection

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	✓
---------	---

KERN UFA 3T1



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

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

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) 1320×495×345 mm

Net weight 38 kg

Shipping method Freight

Net weight approx. 38 kg

Gross weight approx. 65 kg

Shipping weight 62 kg

Services (optional)

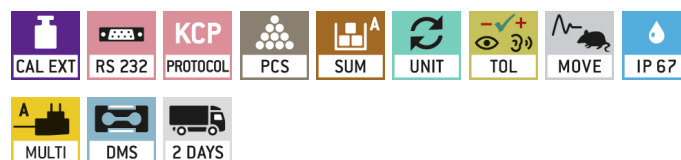
Article number for adjustment at the location of installation 961-252

Article number for DAkkS calibration 963-132

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

Pictograms

STANDARD



OPTION



FACTORY

