

# KERN UFA 600K-1S

Highly versatile weighing beams (IP67) for large loads to 600 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)	870×120×84 mm
Material display housing	Plastics
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	800×120 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	20 m
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

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]	600 kg
Readability [d]	0,2 kg
Resolution	3.000
Linearity	± 0,6 kg
Reproducibility	0,2 kg
Tare range	-600 kg
Default unit	kg

Units	kg g lb oz lb:oz
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Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	1 kg
Loadcell type	ZEMIC-H8C-0.5T
Load cell connection	4-wire

Approval	
CE mark	✓

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## 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

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) 935×495×345 mm

Net weight 35 kg

Shipping method Freight

Net weight approx. 36 kg

Gross weight approx. 50 kg

Shipping weight 50 kg

## Services (optional)

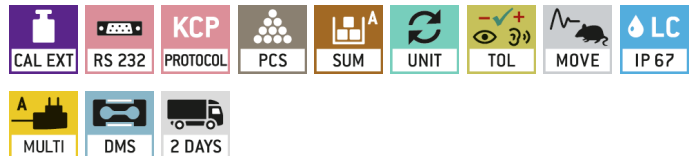
Article number for adjustment at the location of installation 961-250

Article number for DAkkS calibration 963-130

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

## Pictograms

### STANDARD



### OPTION



### FACTORY

