

# KERN UFA 600K-1S

# KERN

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)      | 800×120×84 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<br>Bluetooth BTC (v2.0) (optional, factory)<br>analogue (0 - 10 V) (optional, factory)<br>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<br>g<br>lb<br>oz<br>lb:oz |
|-------|------------------------------|

|                                |                                |
|--------------------------------|--------------------------------|
| 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 | ✓ |
|---------|---|

# KERN UFA 600K-1S



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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)

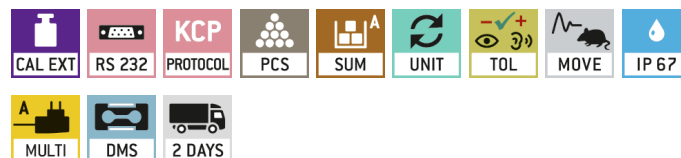
Article number for adjustment at the location of installation 961-250

Article number for DAkkS calibration 963-130

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

## Pictograms

### STANDARD



### OPTION



### FACTORY

