

# KERN FKB 15K0.5



High resolution bench scale with large weighing range and robust stainless steel weighing plate



## Approval

CE mark ✓

## Display

Display type LCD  
 Display screen size 120×38 mm  
 Display backlight ✓  
 Display digit height 25 mm  
 Languages of the user interface English  
 Symbol language

## Construction

Dimension housing (W×D×H) 350×390×120 mm  
 Dimensions weighing platform (W×D×H) 340×240×21 mm  
 Material display housing Plastics  
 Material housing ABS plastic  
 Material weighing plate stainless steel  
 Dimensions weighing surface (W×D) 340×240 mm  
 Levelling feet adjustable ✓

## Functions

Number of keys for operation 6  
 Auto-off interval(s) in mains power mode off  
 Auto-off interval(s) in battery mode/rechargeable battery mode 5 min  
 2 min  
 1 min  
 30 min  
 60 min  
 30 sec  
 Tare function manual (multi)  
 Percentage determination ✓  
 Counting function ✓  
 Tolerance weighing ✓  
 Tolerance weighing - type of signal acoustically  
 visual  
 Function for averaging under unstable weighing conditions ✓  
 Recipe/summing level Sum A  
 Underfloor weighing Hook (included in delivery)  
 RS-232 (optional)  
 Ethernet (optional)  
 Interfaces Bluetooth BLE (v4.0) (optional)  
 USB-Device (optional)

## Category

Brand KERN  
 Product category Industrial scale  
 Product group Bench scale  
 Product family FKB

## Measuring System

Construction type of the scale Single-range balance  
 Weighing system Strain gauge  
 Weighing capacity [Max] 15 kg  
 Readability [d] 0,0005 kg  
 Resolution 30.000  
 Linearity ± 0,0015 kg  
 Reproducibility 0,0005 kg  
 Default unit kg

Units kg  
 g  
 gn  
 dwt  
 ozt  
 lb  
 oz  
 ffa

Adjustment options Adjusting with external weight  
 Recommended adjusting weight 15 kg (F2)  
 Possible calibration points 5 kg; 10 kg; 15 kg  
 Stabilization time 3 s  
 Warm-up time 120 min  
 Eccentric loading at 1/3 [Max] 0,0025 kg  
 Maximum creep (15 minutes) 2 g  
 Maximum creep (30 minutes) 4 g

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|                         |                        |
|-------------------------|------------------------|
|                         | KUP<br>WiFi (optional) |
| IP protection - display | no IP protection       |

## Counting

|   |   |
|---|---|
| Smallest piece weight when piece counting - laboratory conditions | 1 g                                     |
| Smallest piece weight when piece counting - normal conditions     | 10 g                                    |
| Counting reference weight can be entered                          | ✓                                       |
| Reference quantity  | 5, 10, 20, 50, n (any number of pieces) |
| Counting resolution (laboratory conditions)                       | 15.000                                  |

## Power Supply

|   |                              |
|---|------------------------------|
| Input voltage power supply / power [Max]                                  | 100 V - 240 V AC, 50 / 60 Hz |
| Input voltage device / power [Max]  | 5,9V, 1A                     |
| 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<br>UK<br>US<br>CH       |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>UK<br>US<br>CH       |

|   |                                  |
|---|----------------------------------|
| Rechargeable battery optional                       | Rchrg. battery optional - intern |
| Rechargeable battery charging time                  | 8 h                              |
| Rechargeable battery operating time - backlight on  | 24 h                             |
| Rechargeable battery operating time - backlight off | 48 h                             |
| Battery   | 4×1.5 V AA                       |
| Battery / accumulator type                          | Li-Ion                           |
| Battery connection                                  | Battery insert                   |
| Battery operating time                              | 20 h                             |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| 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)    | 1 d            |
| Dimensions packaging (W×D×H) | 470×470×190 mm |
| Net weight                   | 6,5 kg         |
| Shipping method              | Parcel service |
| Net weight approx.           | 7 kg           |
| Gross weight approx.         | 6 kg           |
| Shipping weight              | 8,4 kg         |

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Pictograms

### STANDARD



### OPTION

