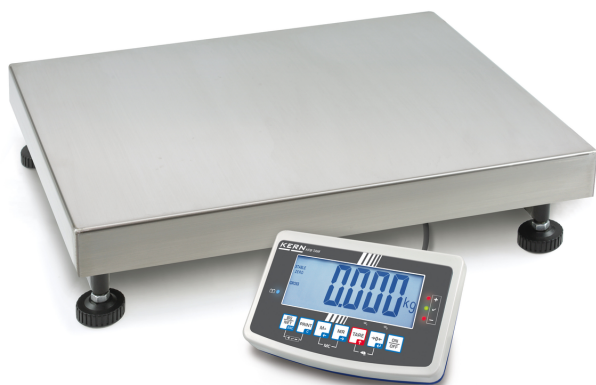


# KERN IFB 600K-2

High-resolution industrial scale in heavy version with up to [Max] 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)      | 250×160×58 mm        |
| Dimensions weighing platform (W×D×H)  | 800×600×192 mm       |
| Dimensions completely mounted (W×D×H) | 800×600×190 mm       |
| Material display housing              | Plastics             |
| Material housing                      | plastic              |
| Material weighing plate               | stainless steel      |
| Material platform                     | steel, powder-coated |
| Dimensions weighing surface (W×D)     | 800×600 mm           |
| Display device cable length           | 3 m                  |
| Material load cell(s)                 | aluminium            |
| Load cells - number                   | 1                    |
| Levelling feet adjustable             | ✓                    |
| Wall mount                            | ✓                    |
| Stand inclinable                      | ✓                    |

## Functions

|  |   |
|--|---|
| Number of keys for operation                                   | 7   |
| Auto-off interval(s) in mains power mode                       | off<br>5 min<br>15 min  |
| Auto-off interval(s) in battery mode/rechargeable battery mode | off<br>5 min<br>15 min  |
| Tare function  | manual (single & multi)   |
| Counting function  | ✓   |
| Tolerance weighing   | ✓   |
| Tolerance weighing - type of signal                            | acoustically<br>visual  |
| Function for averaging under unstable weighing conditions      | ✓   |
| Recipe/summing level   | Sum A   |
| Sum memory function  | ✓   |
| Interfaces   | RS-232 standard<br>Bluetooth BTC (v2.0)<br>(optional, factory)<br>analogue (0 - 10 V)<br>(optional, factory)<br>analogue (4 - 20 mA)<br>(optional, factory) |

## Category

|                  |                  |
|------------------|------------------|
| Brand            | KERN             |
| Product category | Industrial scale |
| Product group    | Platform scale   |
| Product family   | IFB              |

## Measuring System

|                                |                                  |
|--------------------------------|----------------------------------|
| Construction type of the scale | Single-range balance             |
| Weighing system                | Strain gauge                     |
| Weighing capacity [Max]        | 600 kg                           |
| Readability [d]                | 0,02 kg                          |
| Resolution                     | 30.000                           |
| Linearity                      | ± 0,06 kg                        |
| Reproducibility                | 0,02 kg                          |
| Default unit                   | kg                               |
| Units                          | kg<br>g<br>lb<br>Hj, tj<br>lb:oz |
| Adjustment options             | Adjusting with external weight   |
| Recommended adjusting weight   | 600 kg (F2)                      |
| Stabilization time             | 2 s                              |
| Warm-up time                   | 120 min                          |
| Eccentric loading at 1/3 [Max] | 0,1 kg                           |
| Maximum creep (15 minutes)     | 80 g                             |
| Maximum creep (30 minutes)     | 160 g                            |
| Loadcell type                  | aluminium IP65 silicone-coated   |
| Load cell connection           | 6-wire                           |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

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# KERN

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|                                 |                  |
|---------------------------------|------------------|
| IP protection - complete device | -                |
| IP protection - display         | no IP protection |
| IP protection - load cell       | IP65             |
| IP protection - platform        | no IP protection |

## Counting

|   |                      |
|---|----------------------|
| Smallest piece weight when piece counting - laboratory conditions | 20 g                 |
| Smallest piece weight when piece counting - normal conditions     | 200 g                |
| Reference quantity  | 10, 20, 50, 100, 200 |
| Counting resolution (laboratory conditions)                       | 30.000               |

## Power Supply

|   |                               |
|---|-------------------------------|
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz     |
| 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<br>UK<br>US              |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US<br>CH |
| Rechargeable battery optional   | Rchrg. battery optional       |
| Rechargeable battery charging time  | 12 h                          |
| Rechargeable battery operating time - backlight on                        | 8 h                           |
| Rechargeable battery operating time - backlight off                       | 35 h                          |
| Battery   | no battery                    |
| 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) | 1250×800×380 mm |
| Net weight                   | 39,54 kg        |
| Shipping method              | Freight         |

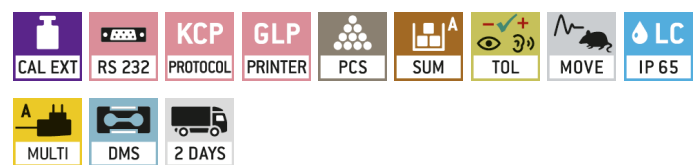
|                      |       |
|----------------------|-------|
| Net weight approx.   | 40 kg |
| Gross weight approx. | 46 kg |
| Shipping weight      | 76 kg |

## 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

