

# KERN FKS 15K-4



Networkable IP65 stainless steel bench scale with LED display and classification function



Date of creation: 01.07.2026

| Category         |                       |
|------------------|-----------------------|
| Brand            | KERN                  |
| Product category | Industrial scale      |
| Product group    | Stainless steel scale |
| Product family   | FKS                   |

  

| Measuring System               |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 15 kg                          |
| Readability [d]                | 0,001 kg                       |
| Reproducibility                | 0,001 kg                       |
| Linearity                      | ± 0,003 kg                     |
| Resolution                     | 15.000                         |
| Tare range                     | 15 kg                          |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 15 kg (M1)                     |
| Possible calibration points    | 5 kg; 10 kg; 15 kg             |
| Stabilization time             | 2 s                            |
| Linearisation in dots          | 5                              |
| Eccentric loading at 1/3 [Max] | 0,005 kg                       |
| Construction type of the scale | Single-range balance           |
| Units                          | kg                             |
|                                | g                              |
|                                | gn                             |
|                                | ct                             |
|                                | lb                             |
|                                | oz                             |
|                                | ffa                            |
|                                | %                              |
| Maximum creep (15 minutes)     | 4 g                            |
| Maximum creep (30 minutes)     | 8 g                            |
| Default unit                   | kg                             |

| Display                         |                |
|---------------------------------|----------------|
| Display type                    | LCD            |
| Display type                    | 14 segment LCD |
| Display backlight               | ✓              |
| Display screen size             | 120×40 mm      |
| Display segments                | 14             |
| Display digit height            | 23,5 mm        |
| Languages of the user interface | English        |

| Construction                          |                 |
|---------------------------------------|-----------------|
| Dimensions completely mounted (W×D×H) | 325×230×60 mm   |
| Dimension display device (W×D×H)      | 228×70×50 mm    |
| Dimensions weighing surface (W×D)     | 228×228 mm      |
| Dimensions weighing surface           | 228×228 mm      |
| Dimensions weighing platform (W×D×H)  | 228×228×60 mm   |
| Material housing                      | plastic         |
| Material weighing plate               | stainless steel |
| Material platform                     | stainless steel |
| Material display housing              | plastic         |
| Material load cell(s)                 | aluminium       |
| Level indicator                       | ✓               |
| Levelling feet adjustable             | ✓               |
| Stand height                          | 335 mm          |
| Display device cable length           | 0,6 m           |
| Platform Construction                 | Single-Cell     |
| Load cells - number                   | 1               |

| Functions                                                         |                 |
|-------------------------------------------------------------------|-----------------|
| PreTare function                                                  | ✓               |
| Sum memory function                                               | ✓               |
| Percentage determination                                          | ✓               |
| Tolerance weighing                                                | ✓               |
| Tolerance weighing - type of signal                               | visual          |
| Alibi memory                                                      | internal memory |
| Alibi memory - number of memory spaces                            | 250.000         |
| Function for averaging under unstable weighing conditions         | ✓               |
| Capacity - Display                                                | ✓               |
| Counting function                                                 | ✓               |
| Counting resolution (laboratory conditions)                       | 15.000          |
| Smallest piece weight when piece counting - laboratory conditions | 1 g             |

# KERN FKS 15K-4



Networkable IP65 stainless steel bench scale with LED display and classification function

|                                                                |                                            |
|----------------------------------------------------------------|--------------------------------------------|
| Smallest piece weight when piece counting - normal conditions  | 10 g                                       |
| Reference quantity                                             | 1, 5, 10, 20, 50, n (any number of pieces) |
| IP protection - complete device                                | IP65                                       |
| IP protection - display                                        | IP65                                       |
| IP protection - platform                                       | IP65                                       |
| IP protection - load cell                                      | IP65                                       |
| Memory - total size                                            | 0,016 GB                                   |
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable                                 |
| Auto-off interval(s) in mains power mode                       | selectable                                 |
| Tare function                                                  | automatic & manual (multi)                 |
| Number of keys for operation                                   | 6                                          |

## Interface

|            |                                                                                                                                                                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces | RS-232 (optional, factory)<br>Ethernet (optional, factory)<br>WiFi (optional, factory)<br>Alibi memory<br>analogue (0 - 10 V) (optional, factory)<br>analogue (4 - 20 mA) (optional, factory)<br>Bluetooth BLE (v4.0) (optional, factory)<br>USB-Device (optional, factory) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Power Supply

|                                                                           |                              |
|---------------------------------------------------------------------------|------------------------------|
| Supplied power supply                                                     | Power supply unit            |
| Power supply type                                                         | Power adapter                |
| 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       |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V AC, 50 / 60 Hz |
| Power supply cable removable                                              | removable                    |
| Input voltage device / power [Max]                                        | 5V, 2,7A                     |
| Power socket for mains adapter                                            | Magnetic plug                |
| Battery / accumulator type                                                | Li-Ion                       |
| Battery                                                                   | no battery                   |

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| Battery connection                                  | Connector pin                    |
| Battery capacity                                    | 10.000 mAh                       |
| Battery voltage                                     | 3,7 V                            |
| Battery - Number of cells                           | 1                                |
| Battery capacity (Wh)                               | 37 Wh                            |
| Rechargeable battery                                | 3,7V 10Ah                        |
| Rechargeable battery operating time - backlight on  | 15 h                             |
| Rechargeable battery operating time - backlight off | 15 h                             |
| Rechargeable battery charging time                  | 5 h                              |
| Rechargeable battery optional                       | Rchrg. battery optional - intern |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Max] | 80 %   |

## Approval

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

## 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                  | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 450×350×160 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 3,6 kg         |
| Gross weight approx.         | 4,8 kg         |
| Shipping weight              | 5 kg           |
| Shipping volume weight       | 5 kg           |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761498228            |
| Trade number         | 84238129                 |
| REACH classification | no prohibited substances |

# KERN FKS 15K-4

**KERN**

Networkable IP65 stainless steel bench scale with LED display and classification function

## Pictograms

### STANDARD



### OPTION



### FACTORY

