

# KERN KGP 60K-3L



Robust industrial platform scale with digital weighing transmitter, ideal for varied range of applications for Industry 4.0



## Category

|                  |                         |
|------------------|-------------------------|
| Brand            | KERN                    |
| Product category | Component               |
| Product group    | Digital weighing system |
| Product family   | KGP                     |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Number of weighing ranges      | 1                              |
| Weighing capacity [Max]        | 60 kg                          |
| Readability [d]                | 0,002 kg                       |
| Reproducibility                | 0,002 kg                       |
| Linearity                      | ± 0,008 kg                     |
| Resolution                     | 30.000                         |
| Tare range                     | -60 kg                         |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 60 kg (F2)                     |
| Stabilization time             | 2 s                            |
| Warm-up time                   | 120 min                        |
| Eccentric loading at 1/3 [Max] | 0,01 kg                        |
| Load cell connection           | 6-wire                         |
| Construction type of the scale | Single-range balance           |
| Units                          | kg<br>g<br>t                   |
| Maximum creep (15 minutes)     | 8 g                            |
| Maximum creep (30 minutes)     | 16 g                           |
| Default unit                   | kg                             |
| Loadcell type                  | aluminium IP65 silicone-coated |

## Display

|                                 |                 |
|---------------------------------|-----------------|
| Display type                    | LCD             |
| Display backlight               | no              |
| 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 surface (W×D)    | 500×400 mm           |
| Dimensions weighing surface          | 500×400 mm           |
| Dimensions weighing platform (W×D×H) | 500×400×127 mm       |
| Material housing                     | plastic              |
| Material weighing plate              | stainless steel      |
| Material platform                    | steel, powder-coated |
| Material display housing             | plastic              |
| Material load cell(s)                | aluminium            |
| Level indicator                      | ✓                    |
| Levelling feet adjustable            | ✓                    |
| Wall mount                           | ✓                    |
| Display device cable length          | 3 m                  |
| Platform Construction                | Single-Cell          |

## Functions

|                                                                   |                        |
|-------------------------------------------------------------------|------------------------|
| PreTare function                                                  | ✓                      |
| Counting resolution (laboratory conditions)                       | 30.000                 |
| Smallest piece weight when piece counting - laboratory conditions | 2 g                    |
| Smallest piece weight when piece counting - normal conditions     | 20 g                   |
| Reference quantity                                                | 10, 20, 50, 100, 200   |
| IP protection - complete device                                   | -                      |
| IP protection - display                                           | no IP protection       |
| IP protection - load cell                                         | IP65                   |
| Auto-off interval(s) in battery mode/rechargeable battery mode    | off<br>5 min<br>15 min |
| Tare function                                                     | manual (multi)         |

## Interface

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Interfaces | RS-232 standard<br>USB<br>Ethernet (optional, factory)<br>WiFi (optional, factory) |
|------------|------------------------------------------------------------------------------------|

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|                           |                                         |
|---------------------------|-----------------------------------------|
|                           | Bluetooth (v4.0)<br>(optional, factory) |
| compatible with EasyTouch | ✓                                       |

## Power Supply

|                                                                           |                            |
|---------------------------------------------------------------------------|----------------------------|
| Supplied power supply                                                     | Power supply unit          |
| Power supply type                                                         | USB including power supply |
| 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>UK<br>US<br>CH     |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz  |
| Power supply cable removable                                              | removable                  |
| Input voltage device / power [Max]                                        | 5 V, 500 mA                |
| Power socket for mains adapter                                            | USB port                   |
| Battery                                                                   | no battery                 |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 0 %    |
| Humidity of environment [Max] | 80 %   |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Approval

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

## Services (optional)

|                                                               |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-249 |
| Article number for DAkkS calibration                          | 963-129 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

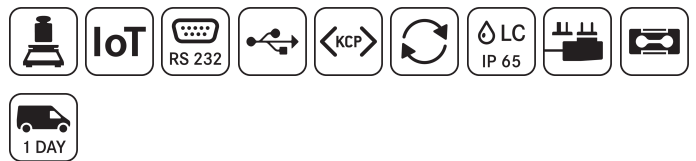
|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 550×930×215 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 14 kg          |
| Gross weight approx.         | 15 kg          |
| Shipping weight              | 22 kg          |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761217997            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION



### FACTORY

