

## PRODUCT BROCHURE

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# KERN EOB 60K20

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ENGLISH



Allround parcel scale with robust stainless steel weighing plate

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## CONTACT

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## DESCRIPTION

- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover included with delivery
- Universal external mains adapter included with delivery

## SPECIFICATIONS

### Article codes, product groups & Status information

|                       |                   |
|-----------------------|-------------------|
| Model article-code    | EOB 60K20         |
| Model-Serie           | EOB               |
| Assortment            | KERN              |
| Product Type          | Industrial scales |
| Product group         | Platform scales   |
| Product usage type    | Main article      |
| EAN code (Model)      | 4045761192126     |
| Predecessor Model     | EOB 60K20-2017a   |
| Customs tariff number | 84238220          |
| CE Label              | yes               |

### Technical data - Primary

|                        |            |
|------------------------|------------|
| Weighing capacity      | 60 kg      |
| Readability            | 0.02 kg    |
| Net weight             | 3.69 kg    |
| Platform size          | 315×305 mm |
| Indicator cable length | 1.8 m      |

Dimensions weighing platform 315×305×57 mm

### Technical data - Construction

|                                    |                  |
|------------------------------------|------------------|
| Dimensions display casing          | 235×114×51 mm    |
| Material weighing plate            | stainless steel  |
| Weighing surface (d)               | 315×305 mm       |
| Dimensions of weighing plate (W×D) | 315×305 mm       |
| Indicator cable length             | 1.8 m            |
| Wall mount                         | yes              |
| IP protection indicator            | no IP protection |
| IP protection platform             | no IP protection |
| IP protection load cell            | no IP protection |

### Technical data - Display

|                |       |
|----------------|-------|
| Display height | 25 mm |
| Backlight      | yes   |

### Technical data - Power supply

|         |            |
|---------|------------|
| Battery | 4×1.5 V AA |
|---------|------------|

|                                |                           |
|--------------------------------|---------------------------|
| Operating time                 | 60 h                      |
| Mains adapter/adapter included | AUS;CH;EURO;UK;US         |
| Input Voltage                  | 100 V - 240 V, 50 / 60 Hz |

## Technical data - Measuring system

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Calibration method                             | Adjusting with external weight |
| Linearity                                      | ± 0.04 kg                      |
| Readability                                    | 0.02 kg                        |
| Recommended adjusting weight                   | 40 kg (M2)                     |
| Repeatability                                  | 0.02 kg                        |
| Resolution                                     | 3.000                          |
| Stabilisation time under laboratory conditions | 3 s                            |
| Tare range                                     | 60 kg                          |
| Warm up time                                   | 10 min                         |
| Weighing system                                | Strain gauge                   |
| Weighing units                                 | kg;lb;PCS                      |

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum humidity              | 80 %  |
| Maximum operating temperature | 35 °C |
| Minimum ambient temperature   | 5 °C  |

## Technical data - Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 370×365×140 mm |
| Gross weight                 | 5 kg           |

|                                             |                |
|---------------------------------------------|----------------|
| Net weight                                  | 3.8 kg         |
| Shipping method                             | Parcel service |
| Packaging component - by weight - paper     | 40 g           |
| Packaging component - by weight - cardboard | 360 g          |
| Packaging component - by weight - plastics  | 27.8 g         |
| Delivery time                               | 1 d            |

## Optional Services

|                   |         |
|-------------------|---------|
| DAkkS Calibration | 963-129 |
|-------------------|---------|

## FUNCTIONS

|                                                                                                      |                                                                                         |                                                                                           |                                                                                            |                                                                                            |                                                                                             |                                                                                           |                                                                                             |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Standard                                                                                             |                                                                                         |                                                                                           |                                                                                            |                                                                                            |                                                                                             |                                                                                           |                                                                                             |
|  CAL EXT          |  PCS |  UNIT |  MOVE |  BATT |  MULTI |  DMS |  1 DAY |
| Option                                                                                               |                                                                                         |                                                                                           |                                                                                            |                                                                                            |                                                                                             |                                                                                           |                                                                                             |
|  DAkkS<br>+3 DAYS |                                                                                         |                                                                                           |                                                                                            |                                                                                            |                                                                                             |                                                                                           |                                                                                             |

## ACCESSORIES

| Model       | Description                               |
|-------------|-------------------------------------------|
| EOC-A04     | Bracket KERN EOC-A04                      |
| YKA-16      | Power supply KERN YKA-16                  |
| EOB-A01N    | Stand KERN EOB-A01N                       |
| EOB-A02B    | Column for KERN EOB-A02B                  |
| EOB-A04B    | Protective Working Cover KERN EOB-A04B    |
| EOB-A04BS05 | Protective Working Cover KERN EOB-A04BS05 |

## SERVICES

| Model   | Description                                                                                                      |
|---------|------------------------------------------------------------------------------------------------------------------|
| 963-129 | DAkkS Calibration KERN 963-129                                                                                   |
| 961-249 | Adjustment at the location of installation 961-249                                                               |
| KIB-M01 | Display Devices KERN KIB-M01                                                                                     |
| 969-517 | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517 |
| 970-013 | Warranty extension KERN (+3 years) 970-013                                                                       |

## SPARE PARTS

| Model        | Description                            |
|--------------|----------------------------------------|
| YKA-16       | Power supply KERN YKA-16               |
| KIO-T        | Display Devices KERN KIO-T             |
| EOB-A04B     | Protective Working Cover KERN EOB-A04B |
| REOBN-8004   | REOBN-8004                             |
| REOC-6002    | Weighing plate KERN REOC-6002          |
| RKIB-5001    | Power socket KERN RKIB-5001            |
| RKIB-8002    | Rubber base display KERN RKIB-8002     |
| RKIO-T-4001  | Keyboard overlay KERN RKIO-T-4001      |
| RKIB-TM-3001 | LCD Display RKIB-TM-3001               |
| REOE-B-1006  | Load cell KERN REOE-B-1006             |
| RBIC-2002    | Main PCB RBIC-2002                     |
| RKIO-T-4002  | RKIO-T-4002                            |
| REOB-B-8005  | Damper REOB-B-8005                     |

| Model     | Description                              |
|-----------|------------------------------------------|
| RKIO-8002 | Battery compartment cover KERN RKIO-8002 |

## RELATED ARTICLES DATA

| Model name    | Weighing capacity | Readability | Net weight | Platform size | Indicator cable length | Dimensions weighing platform |
|---------------|-------------------|-------------|------------|---------------|------------------------|------------------------------|
| EOB 15K5      | 15 kg             | 0.005 kg    | 3.69 kg    | 315×305 mm    | 1.8 m                  | 315×305×57 mm                |
| EOB 300K100XL | 300 kg            | 0.1 kg      | 16.38 kg   | 950×500 mm    | 2.7 m                  | 950×500×58 mm                |
| EOB 35K10     | 35 kg             | 0.01 kg     | 3.69 kg    | 315×305 mm    | 1.8 m                  | 315×305×57 mm                |
| EOB 60K20     | 60 kg             | 0.02 kg     | 3.69 kg    | 315×305 mm    | 1.8 m                  | 315×305×57 mm                |
| EOB 60K20L    | 60 kg             | 0.02 kg     | 12.22 kg   | 550×550 mm    | 2.7 m                  | 550×550×58 mm                |
| EOB 150K50    | 150 kg            | 0.05 kg     | 3.69 kg    | 315×305 mm    | 1.8 m                  | 315×305×57 mm                |
| EOB 150K50L   | 150 kg            | 0.05 kg     | 12.22 kg   | 550×550 mm    | 2.7 m                  | 550×550×58 mm                |
| EOB 150K50XL  | 150 kg            | 0.05 kg     | 16.38 kg   | 950×500 mm    | 2.7 m                  | 950×500×58 mm                |
| EOB 300K100A  | 300 kg            | 0.1 kg      | 3.69 kg    | 315×305 mm    | 1.8 m                  | 315×305×57 mm                |
| EOB 300K100L  | 300 kg            | 0.1 kg      | 12.22 kg   | 550×550 mm    | 2.7 m                  | 550×550×58 mm                |