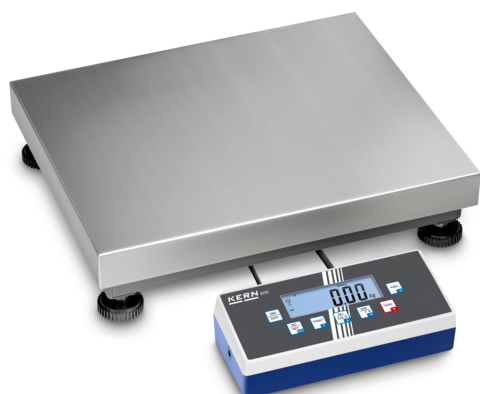


# KERN EOC 30K-3L



Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



## Category

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

## Measuring System

|                         |                     |
|-------------------------|---------------------|
| Weighing system         | Strain gauge        |
| Weighing capacity [Max] | 15 kg; 35 kg        |
| Readability [d]         | 0,005 kg; 0,01 kg   |
| Reproducibility         | 0,005 kg; 0,01 kg   |
| Linearity               | ± 0,015 kg; 0,03 kg |
| Resolution              | 3.000, 3.500        |
| Tare range              | 35 kg               |

|                    |                                |
|--------------------|--------------------------------|
| Adjustment options | Adjusting with external weight |
|--------------------|--------------------------------|

|                              |            |
|------------------------------|------------|
| Recommended adjusting weight | 30 kg (M1) |
|------------------------------|------------|

|                    |     |
|--------------------|-----|
| Stabilization time | 2 s |
|--------------------|-----|

|              |        |
|--------------|--------|
| Warm-up time | 10 min |
|--------------|--------|

|                       |   |
|-----------------------|---|
| Linearisation in dots | 3 |
|-----------------------|---|

|                                |                   |
|--------------------------------|-------------------|
| Eccentric loading at 1/3 [Max] | 0,025 kg; 0,05 kg |
|--------------------------------|-------------------|

|                      |        |
|----------------------|--------|
| Load cell connection | 4-wire |
|----------------------|--------|

|                                |                     |
|--------------------------------|---------------------|
| Construction type of the scale | Multi-range balance |
|--------------------------------|---------------------|

|  |    |
|--|----|
|  | kg |
|--|----|

|  |   |
|--|---|
|  | g |
|--|---|

|       |    |
|-------|----|
| Units | lb |
|-------|----|

|  |    |
|--|----|
|  | oz |
|--|----|

|  |     |
|--|-----|
|  | PCS |
|--|-----|

|                            |      |
|----------------------------|------|
| Maximum creep (15 minutes) | 40 g |
|----------------------------|------|

|                            |      |
|----------------------------|------|
| Maximum creep (30 minutes) | 80 g |
|----------------------------|------|

|              |    |
|--------------|----|
| Default unit | kg |
|--------------|----|

|               |                                |
|---------------|--------------------------------|
| Loadcell type | aluminium IP65 silicone-coated |
|---------------|--------------------------------|

## Display

|                                       |           |
|---------------------------------------|-----------|
| Display type                          | LCD       |
| Display type                          | LCD       |
| Display backlight                     | ✓         |
| Display screen size                   | 110×35 mm |
| Display segments                      | 6         |
| Display digit height - smallest digit | 25 mm     |
| Display digit height                  | 25 mm     |

## Construction

|                                      |                 |
|--------------------------------------|-----------------|
| Dimension display device (W×D×H)     | 268×115×80 mm   |
| Dimensions weighing surface (W×D)    | 500×400 mm      |
| Dimensions weighing surface          | 500×400 mm      |
| Dimensions weighing platform (W×D×H) | 500×400×120 mm  |
| Material weighing plate              | stainless steel |
| Material platform                    | mild steel      |
| Material display housing             | plastic         |
| Material load cell(s)                | aluminium       |
| Level indicator                      | ✓               |
| Levelling feet adjustable            | ✓               |
| Stand height                         | 330 mm          |
| Stand inclinable                     | ✓               |
| Wall mount                           | ✓               |
| Display device cable length          | 3 m             |
| Load cells - number                  | 1               |

## Functions

|                                                                   |                      |
|-------------------------------------------------------------------|----------------------|
| Sum memory function                                               | ✓                    |
| Recipe/summing level                                              | Sum A                |
| Percentage determination                                          | ✓                    |
| Tolerance weighing                                                | ✓                    |
| Tolerance weighing - type of signal                               | acoustically visual  |
| Function for averaging under unstable weighing conditions         | ✓                    |
| Counting function                                                 | ✓                    |
| Counting resolution (laboratory conditions)                       | 3.500                |
| Smallest piece weight when piece counting - laboratory conditions | 10 g                 |
| Smallest piece weight when piece counting - normal conditions     | 100 g                |
| Reference quantity                                                | 10, 20, 50, 100, 200 |
| IP protection - complete device                                   | -                    |
| IP protection - display                                           | no IP protection     |
| IP protection - platform                                          | IP65                 |

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|                                                                |                         |
|----------------------------------------------------------------|-------------------------|
| IP protection - load cell                                      | IP65                    |
|                                                                | 3 min                   |
|                                                                | off                     |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min                   |
|                                                                | 30 min                  |
|                                                                | 15 min                  |
|                                                                | 3 min                   |
|                                                                | off                     |
| Auto-off interval(s) in mains power mode                       | 5 min                   |
|                                                                | 30 min                  |
|                                                                | 15 min                  |
| Tare function                                                  | manual (single & multi) |
| Number of keys for operation                                   | 7                       |

## Interface

|            |                 |
|------------|-----------------|
| Interfaces | RS-232 standard |
|------------|-----------------|

## 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>CH                           |
| Input voltage power supply / power [Max]                                  | 100 V-240 V, 0.4 A                         |
| Input voltage device / power [Max]                                        | 12 V, 1000 mA                              |
| Power socket for mains adapter                                            | Inside plus, outside minus                 |
| Battery / accumulator type                                                | Pb                                         |
| Battery operating time                                                    | 100 h                                      |
| Rechargeable battery                                                      | 6 V; 1.3 Ah                                |
| Rechargeable battery operating time - backlight on                        | 26 h                                       |
| Rechargeable battery operating time - backlight off                       | 43 h                                       |
| Rechargeable battery charging time                                        | 3 h                                        |
| Rechargeable battery optional                                             | Rchrg. battery optional - intern           |
| Battery/Accu connected                                                    | fixed electrical connection, not insulated |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 0 %    |
| 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) | 875×485×150 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 9 kg           |
| Gross weight approx.         | 13 kg          |
| Shipping weight              | 12,7 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761192416            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

