

# KERN DE 12K1A

**KERN**

Versatile, successful model with stainless steel platform for flexible use



| Category         |                  |
|------------------|------------------|
| Brand            | KERN             |
| Product category | Industrial scale |
| Product group    | Platform scale   |
| Product family   | DE               |

| Measuring System               |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Weighing capacity [Max]        | 12000 g                        |
| Readability [d]                | 1 g                            |
| Reproducibility                | 1 g                            |
| Linearity                      | ± 3 g                          |
| Resolution                     | 12.000                         |
| Tare range                     | 12000 g                        |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 12 kg (M1)                     |
| Possible calibration points    | 4 kg; 8 kg; 12 kg              |
| Stabilization time             | 2,5 s                          |
| Warm-up time                   | 30 min                         |
| Eccentric loading at 1/3 [Max] | 5 g                            |
| Construction type of the scale | Single-range balance           |
| Units                          | kg                             |
|                                | g                              |
|                                | dwt                            |
|                                | tl (Tw)                        |
|                                | tl (HK)                        |
|                                | ozt                            |
|                                | mo                             |
|                                | lb                             |
|                                | oz                             |
|                                | ffa                            |
|                                | tol                            |
| Maximum creep (15 minutes)     | 4 g                            |

|                            |     |
|----------------------------|-----|
| Maximum creep (30 minutes) | 8 g |
| Default unit               | g   |

| Display              |          |
|----------------------|----------|
| Display type         | LCD      |
| Display backlight    | ✓        |
| Display screen size  | 87×29 mm |
| Display digit height | 25 mm    |

| Construction                              |                  |
|-------------------------------------------|------------------|
| Dimension housing (W×D×H)                 | 318×305×75 mm    |
| Dimension display device (W×D×H)          | 225×110×55 mm    |
| Dimensions weighing surface (W×D)         | 315×305 mm       |
| Dimensions weighing surface               | 315×305 mm       |
| Dimensions weighing platform (W×D×H)      | 318×308×75 mm    |
| Material weighing plate                   | stainless steel  |
| Material platform                         | metal, lacquered |
| Material display housing                  | plastic          |
| Display device cable length               | 1,4 m            |
| Allowed cable length display device [Max] | 3 m              |
| Load cells - number                       | 4                |

| Functions                                                         |                   |
|-------------------------------------------------------------------|-------------------|
| Recipe/summing level                                              | Rez A (Net total) |
| Percentage determination                                          | ✓                 |
| Underfloor weighing                                               | None              |
| Function for averaging under unstable weighing conditions         | ✓                 |
| Counting function                                                 | ✓                 |
| Counting resolution (laboratory conditions)                       | 12.000            |
| Smallest piece weight when piece counting - laboratory conditions | 1 g               |
| Smallest piece weight when piece counting - normal conditions     | 10 g              |
| Reference quantity                                                | 5, 10, 20, 25, 50 |
| IP protection - display                                           | no IP protection  |
| Auto-off interval(s) in battery mode/rechargeable battery mode    | 3 min<br>off      |
| Tare function                                                     | manual (multi)    |
| Number of keys for operation                                      | 5                 |

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

# KERN DE 12K1A



Versatile, successful model with stainless steel platform for flexible use

## 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                                                               |
|                                                                           | UK                                                                 |
|                                                                           | US                                                                 |
|                                                                           | CH                                                                 |
| Plug-in power supply / adapter for countries - optional                   | EURO                                                               |
|                                                                           | UK                                                                 |
|                                                                           | US                                                                 |
|                                                                           | CH                                                                 |
| Input voltage power supply / power [Max]                                  | 220 V - 240 V AC, 50 Hz                                            |
| Input voltage device / power [Max]                                        | 15 V, 500 mA                                                       |
| Power socket for mains adapter                                            | Double plug, left minus, right plus, 14,3 mm × 6,1 mm long 47,5 mm |
| Battery / accumulator type                                                | NiMH                                                               |
| Battery                                                                   | 9 V block                                                          |
| Battery connection                                                        | Plug-in terminals                                                  |
| Battery operating time                                                    | 12 h                                                               |
| Rechargeable battery                                                      | NDE-A02                                                            |
| Rechargeable battery operating time - backlight on                        | 15 h                                                               |
| Rechargeable battery operating time - backlight off                       | 30 h                                                               |
| Rechargeable battery charging time                                        | 10 h                                                               |
| Rechargeable battery optional                                             | Rchrg. battery optional                                            |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | 5 °C   |
| Ambient temperature [Max]     | 35 °C  |
| 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 | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

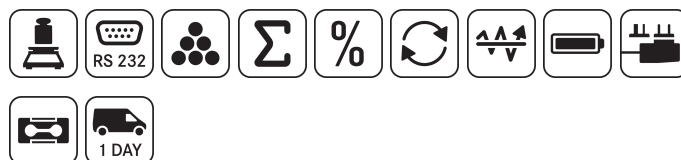
|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 515×385×135 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 4,8 kg         |
| Gross weight approx.         | 6 kg           |
| Shipping weight              | 5,568 kg       |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761111141            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

