

# KERN DE 24K2A

The long lasting story of success with dust and spray protected display device



|                            |      |
|----------------------------|------|
| Maximum creep (15 minutes) | 8 g  |
| Maximum creep (30 minutes) | 16 g |

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

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

| Construction                              |                  |
|---|------------------|
| Dimension display device (W×D×H)          | 225×110×55 mm    |
| Dimension housing (W×D×H)                 | 310×305×75 mm    |
| Dimensions weighing platform (W×D×H)      | 318×308×75 mm    |
| Material display housing                  | Plastics         |
| Material weighing plate                   | stainless steel  |
| Material platform                         | metal, lacquered |
| Dimensions weighing surface (W×D)         | 315×305 mm       |
| Display device cable length               | 1,4 m            |
| Allowed cable length display device [Max] | 3 m              |
| Load cells - number                       | 4                |

| Functions  |                 |
|--|-----------------|
| Number of keys for operation                                   | 5               |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min<br>off    |
| Tare function  | manual (multi)  |
| Percentage determination                                       | ✓               |
| Counting function  | ✓               |
| Function for averaging under unstable weighing conditions      | ✓               |
| Recipe/summing level   | Sum A           |
| Underfloor weighing  | None            |
| Interfaces   | RS-232 standard |
| IP protection - display  | IP65            |

| Counting  |                   |
|---|-------------------|
| Smallest piece weight when piece counting - laboratory conditions | 4 g               |
| Smallest piece weight when piece counting - normal conditions     | 40 g              |
| Reference quantity  | 5, 10, 20, 25, 50 |

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

| Measuring System               |                      |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system                | Strain gauge         |
| Weighing capacity [Max]        | 24 kg                |
| Readability [d]                | 0,002 kg             |
| Resolution                     | 12.000               |
| Linearity                      | ± 0,006 kg           |
| Reproducibility                | 0,002 kg             |
| Tare range                     | 24 kg                |
| Default unit                   | kg                   |

|       |         |
|-------|---------|
|       | kg      |
|       | g       |
|       | dwt     |
|       | tl (Tw) |
|       | tl (HK) |
| Units | ozt     |
|       | mo      |
|       | lb      |
|       | oz      |
|       | ffa     |
|       | tol     |

|                                |                                |
|--------------------------------|--------------------------------|
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 20 kg (M1)                     |
| Possible calibration points    | 10 kg; 15 kg; 20 kg            |
| Stabilization time             | 2,5 s                          |
| Warm-up time                   | 30 min                         |
| Eccentric loading at 1/3 [Max] | 0,01 kg                        |

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Counting resolution (laboratory conditions) 6.000

Article number for DAkkS calibration 963-128

Article number for certificate of conformity (verification) 969-517

## Power Supply

Input voltage power supply / power [Max] 220 V - 240 V AC, 50 Hz

Input voltage device / power [Max] 15 V, 500 mA

Plug-in power supply type Power adapter

Supplied power supply Power supply unit

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

Rechargeable battery optional Rchrg. battery optional

Rechargeable battery charging time 10 h

Rechargeable battery operating time - backlight on 15 h

Rechargeable battery operating time - backlight off 30 h

Battery 9 V block

Battery / accumulator type NiMH

Battery connection Plug-in terminals

Battery operating time 12 h

## Environmental conditions

Humidity of environment [Max] 80 %

Ambient temperature [Min] 5 °C

Ambient temperature [Max] 35 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

## Packing & Shipping

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 515×385×135 mm

Net weight 4,798 kg

Shipping method Parcel service

Net weight approx. 4,8 kg

Gross weight approx. 6 kg

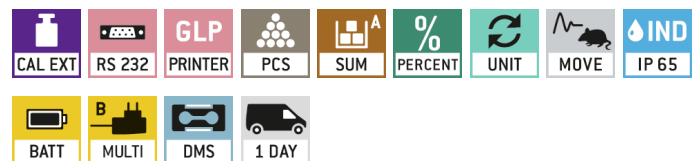
Shipping weight 5,656 kg

## Services (optional)

Article number for adjustment at the location of installation 961-248

## Pictograms

### STANDARD



### OPTION

