

# KERN 572-49

All-rounder, e.g. as precision balance in the laboratory or in harsh industrial applications, ideal for the diverse possibilities of Industry 4.0 applications



## Article codes, product groups & Status information

|                       |                     |
|-----------------------|---------------------|
| Model article-code    | 572-49              |
| Model-Serie           | 572                 |
| Assortment            | KERN                |
| Product Type          | Laboratory balances |
| Product group         | Precision balances  |
| Product usage type    | Main article        |
| EAN code (Model)      | 4045761356917       |
| Predecessor Model     | 572-49-2021a        |
| Planned start date    | 2022-2HJ            |
| Customs tariff number | 84238129            |
| CE Label              | Yes                 |

## Technical data - Primary

|                      |             |
|----------------------|-------------|
| Weighing capacity    | 16 kg       |
| Readability          | 0.0001 kg   |
| Repeatability        | 0.0001 kg   |
| Linearity            | ± 0.0003 kg |
| Minimum piece weight | 1 g         |
| Weighing surface (d) | 160×200 mm  |

## Technical data - Construction

|                         |                 |
|-------------------------|-----------------|
| Dimensions of housing   | 180×310×85 mm   |
| Bubble Level            | Yes             |
| Material weighing plate | Stainless steel |
| Revolving screw feet    | Yes             |

|                                    |                |
|------------------------------------|----------------|
| Casing material                    | Cast aluminium |
| Dimensions of weighing plate (W×D) | 160×200 mm     |
| Weighing surface (d)               | 160×200 mm     |

## Technical data - Display

|                |       |
|----------------|-------|
| Display height | 21 mm |
| Backlight      | Yes   |

## Technical data - Power supply

|                                |                                   |
|--------------------------------|-----------------------------------|
| Mains adapter/adapter included | CH;EURO;UK;US                     |
| Charging time                  | 8 h                               |
| Input Voltage                  | 100 V - 240 V AC, 50 / 60 Hz      |
| Operating time (Backlight off) | 48 h                              |
| Rechargeable battery           | Rchrg. battery optional (factory) |

## Technical data - Measuring system

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Calibration method                             | Adjusting with external weight |
| Linearity                                      | ± 0.0003 kg                    |
| Minimum weight (USP)                           | 200 g                          |
| Readability                                    | 0.0001 kg                      |
| Recommended adjusting weight                   | 5 kg (F1); 10 kg (F1)          |
| Repeatability                                  | 0.0001 kg                      |
| Stabilisation time under laboratory conditions | 2 s                            |
| Warm up time                                   | 120 min                        |

## Technical data - Environmental conditions

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Maximum humidity 80 %

Maximum operating temperature 40 °C

Minimum ambient temperature -10 °C

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 400×340×220 mm

Gross weight 4.8 kg

Net weight 2.8 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 1050 g

Packaging component - by weight - plastics 1050 g

Delivery time 1 d

## Technical data - Counting data

Counting resolution 160000

Minimum piece weight at piece counting (Laboratory) 100 mg

Minimum piece weight 1 g

## Optional Services

DAkKS Calibration 963-128

## Functions

### Standard



### Option



### Factory

