

# KERN FCB 6K-3DM

The new FCB: Checkweighing and portioning scale with up to three interfaces, with optional verification



## Article codes, product groups & Status information

|                       |               |
|-----------------------|---------------|
| Model article-code    | FCB 6K-3DM    |
| Model-Serie           | FCB           |
| Assortment            | KERN          |
| Product Type          | Food scales   |
| Product group         | Bench scales  |
| Product usage type    | Main article  |
| EAN code (Model)      | 4045761475533 |
| Predecessor Model     | GAB 6K1DNM    |
| Planned start date    | 2024-2HJ      |
| Customs tariff number | 84238129      |

## Technical data - Primary

|                        |                |
|------------------------|----------------|
| Weighing capacity      | 3000 g; 6000 g |
| Readability            | 1 g; 2 g       |
| Verification value (e) | 1 g; 2 g       |
| Minimum load (Min)     | 20 g           |

## Technical data - Construction

|                                    |                 |
|------------------------------------|-----------------|
| Material weighing plate            | Stainless steel |
| Bubble Level                       | Yes             |
| Revolving screw feet               | Yes             |
| Weighing surface (d)               | 252×225 mm      |
| Dimensions of weighing plate (W×D) | 252×225 mm      |
| Dimensions mounted completely      | 325×270×105 mm  |
| Material casing                    | Plastic         |

|                         |                  |
|-------------------------|------------------|
| IP protection indicator | No IP protection |
| IP protection load cell | IP65             |

## Technical data - Display

|                |       |
|----------------|-------|
| Display height | 25 mm |
|----------------|-------|

## Technical data - Power supply

|                                |                              |
|--------------------------------|------------------------------|
| Operating time                 | 20 h                         |
| Mains adapter/adaptor 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      |

## Technical data - Measuring system

|                              |                                 |
|------------------------------|---------------------------------|
| Calibration method           | Adjusting with external weight  |
| Linearity                    | ± 1 g; 2 g                      |
| Readability                  | 1 g; 2 g                        |
| Recommended adjusting weight | 6 kg (M1)                       |
| Repeatability                | 1 g; 2 g                        |
| Weighing units               | %;ct;dwt;ffa;g;gn;kg;lb;oz;PC S |
| Weighing system              | Strain gauge                    |

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum humidity              | 80 %  |
| Maximum operating temperature | 40 °C |

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Minimum ambient temperature -10 °C

Minimum humidity 0 %

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 395×335×200 mm

Gross weight 4.6 kg

Net weight 3.8 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 426 g

Packaging component - by weight - plastics 426 g

Delivery time 1 d

## Technical data - Counting data

Counting resolution 30000

Minimum piece weight at piece counting (Laboratory) 200 mg

Minimum piece weight 2 g

## Technical data - Verification

Verification Value E 1 g; 2 g

Minimum Load Min 20 g

Verification approval conforming to 2014/31/EU Yes

Verification by KERN possible Yes

Verification class III

## Optional Services

DAkkS Calibration 963-128

Verification 965-228

## Functions

### Standard



### Option



### Factory

