# PRODUCT BROCHURE

# KERN
# KFB-TM

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Display device with large, easy to read digits and optional analogue output for controlling systems (PLC) etc.

## CONTACT

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# PRODUCT SHOWCASE



## DESCRIPTION

- Adjusting program CAL for quick setting

- Totalising

- Piece counting with reference: Possible reference counts: 10, 20, 50, 100, 200

- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

- Integrated KERN Communication Protocol (KCP), ideal for connecting an Merchandise Management or ERP system

- EC type approval: yes

- Data interface RS-232 as standard

- Benchtop stand for display device incl.

- Wall mount for display device, standard

## SPECIFICATIONS

### Article codes, product groups & Status information

| | |
|---|---|
| Model article-code | KFB-TM |
| Model-Serie | KFB |
| Assortment | KERN |
| Product Type | Industrial scales |
| Product group | Display devices |

| | |
|---|---|
| Product usage type | Main article |
| EAN code (Model) | 4045761194403 |
| Predecessor Model | KFB-TM-2017a |
| Customs tariff number | 84239010 |

### Technical data - Primary

| | |
|---|---|
| Net weight | 1.1 kg |

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## Technical data - Construction

| | |
|---|---|
| Dimensions display casing (W×D×H) | 250×160×65 mm |
| Wall mount | yes |
| Material casing | plastic |
| IP protection indicator | no IP protection |

## Technical data - Display

| | |
|---|---|
| Display height | 52 mm |
| Backlight | yes |

## Technical data - Power supply

| | |
|---|---|
| Mains adapter/adapter included | EURO;UK;US |
| Charging time | 12 h |
| Input Voltage | 110 V - 230 V AC |
| Operating time (Backlight off) | 35 h |
| Rechargeable battery | Rchrg. battery optional |

## Technical data - Measuring system

| | |
|---|---|
| Calibration method | Adjusting with external weight |
| Resolution (non verified) | 30.000 |
| Resolution (verified) | 6.000 |
| Weighing units | g;kg;lb |
| Linearity (in dots) | 3 |
| Number of weighing ranges | 2 |

## Technical data - Environmental conditions

| | |
|---|---|
| Maximum operating temperature | 40 °C |
| Minimum ambient temperature | -10 °C |

## Technical data - Packing & Shipping

| | |
|---|---|
| Dimensions packaging (W×D×H) | 330×200×220 mm |
| Gross weight | 1.8 kg |
| Net weight | 1.2 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - cardboard | 315 g |
| Packaging component - by weight - plastics | 315 g |
| Delivery time | 1 d |

## Technical data - Verification

| | |
|---|---|
| Verification approval conforming to 2014/31/EU | yes |
| Verification by KERN possible | yes |
| Verification class | III |

## FUNCTIONS

Standard

| CAL EXT | | | GLP PRINTER | PCS | SUM A | UNIT | |
|---|---|---|---|---|---|---|---|

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| Option |
|--------|
| ACCU |

| Factory |
|--------|
| BT 2.0 |

## ACCESSORIES

| Model | Description |
|-------|-------------|
| PFB-A03 | Power supply KERN PFB-A03 |
| KFB-A05 | Analogue Module KERN KFB-A05 |
| KFB-A02S05 | Protective Working Cover KERN KFB-A02S05 |
| KFB-A01 | Internal Rechargeable Battery Pack KERN KFB-A01 |
| KFB-A02 | Protective Working Cover KERN KFB-A02 |
| PFB-A04 | Power supply KERN PFB-A04 |
| CFS-A04 | Data Interface KERN CFS-A04 |
| YKN-01 | Matrix needle printer KERN YKN-01 |
| KFB-A04 | Analogue Module KERN KFB-A04 |
| KFB-A03 | Bluetooth Set KERN KFB-A03 |
| CFS-A01 | Interface cable CFS-A01 |
| YKC-01 | Thermal printer KERN YKC-01 |
| 911-013 | Matrix needle printer KERN 911-013 |
| CFS-A03 | Signal lamp KERN CFS-A03 |
| YKI-02 | RS-232 / Bluetooth adapter KERN YKI-02 |
| YKA-11 | Power supply KERN YKA-11 |
| YKD-A02 | Large display KERN YKD-A02 |

## SERVICES

| Model | Description |
|-------|-------------|
| 965-411 | Assembly of components (< 50kg) 965-411 |
| 970-014 | Warranty extension KERN (+3 years) 970-014 |

## SPARE PARTS

| Model | Description |
| --- | --- |
| PFB-A03 | Power supply KERN PFB-A03 |
| RKFB-TAM-2001 | Main PCB RKFB-TAM-2001 |
| KFB-A01 | Internal Rechargeable Battery Pack KERN KFB-A01 |
| PFB-A04 | Power supply KERN PFB-A04 |
| RKFS-5001 | Power socket KERN RKFS-5001 |
| RKFB-3001 | LCD Display RKFB-3001 |
| YKA-11 | Power supply KERN YKA-11 |
| RKFB-TAM-4001 | Can be mounted on all SAUTER test stands, illustration shows optional accessories, as well as the SAUTER TVL-XS manual test standRKFB-TAM-4001 |
| RKFB-TAM-8001 | Display protective plate RKFB-TAM-8001 |

## RELATED ARTICLES DATA

| Model name | Net weight |
| --- | --- |
| KFB-TM | 1.1 kg |