

PRODUCT BROCHURE

KERN KFC-TM

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ENGLISH



Display device with up to three interfaces and optional verification

CONTACT

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DESCRIPTION

- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- The following interfaces are available as an option: RS-232, USB, Analogue module, Ethernet, WiFi, Bluetooth
- Each interface can be set up separately, e.g.:
 - Interface 1 (WiFi): Continuous sending to a PC for documentation of a process
 - Interface 2 (RS-232): Print stable weight
 - Interface 3 (analogue module): Controlling a device when the target weight is reached
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol
- Simplified battery replacement through easily-accessible housing. Particularly advantageous for models with optional verification, as the verification seal remains intact
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	KFC-TM
Model-Serie	KFC
Assortment	KERN
Product Type	Industrial scales
Product group	Display devices
Product usage type	Main article
EAN code (Model)	404576 1475885
Predecessor Model	KFB-TM; KFC-TM-2022a

Customs tariff number	84239010
CE Label	yes
Country of Origin	CN
Product line	EF20
Verification Allowed	yes

Technical data - Primary

Net weight	0.714 kg
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Technical data - Construction

Dimensions display casing (W×D×H)	220×150×66.5 mm
Wall mount	yes
IP protection indicator	no IP protection

Technical data - Display

Display height	48 mm
Backlight	yes

Technical data - Power supply

Battery	3V CR2032
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern

Technical data - Measuring system

Calibration method	Adjusting with external weight
Resolution (non verified)	999.999
Resolution (verified)	3.000
Weighing units	%;ffa;g;kg;PCS
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)	270×210×170 mm
Gross weight	1.4 kg
Net weight	0.75 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	253 g
Packaging component - by weight - styrofoam	253 g
Delivery time	1 d

Technical data - Verification

Verification by KERN possible	yes
Verification class	III

FUNCTIONS

Standard	       
Option	      



Factory



ACCESSORIES

Model	Description
<u>BFS-A07</u>	Stand KERN BFS-A07
<u>CFS-A03</u>	Signal lamp KERN CFS-A03
<u>YKR-01</u>	Internal Rechargeable Battery Pack KERN YKR-01
<u>YKN-01</u>	Matrix needle printer KERN YKN-01
<u>YKA-27</u>	Power Adapter KERN YKA-27
<u>YBA-A18</u>	Protective Working Cover KERN YBA-A18
<u>YBA-A18S05</u>	Protective Working Cover KERN YBA-A18S05
<u>YKG-01</u>	Dot Matrix Printer KERN YKG-01
<u>YKH-01</u>	Thermal printer KERN YKH-01
<u>KUP-01</u>	Adapter KERN KUP-01
<u>KUP-03</u>	Adapter KERN KUP-03
<u>KUP-04</u>	Adapter KERN KUP-04
<u>KUP-05</u>	Adapter KERN KUP-05
<u>KUP-06</u>	Adapter KERN KUP-06
<u>KUP-08</u>	Adapter KERN KUP-08
<u>KUP-13</u>	Connecting cable KERN KUP-13
<u>YMM-04</u>	Memory module (alibi memory) KERN YMM-04
<u>YKC-01</u>	Thermal printer KERN YKC-01
<u>YKT-01</u>	Needle printer KERN YKT-01

SPARE PARTS

Model	Description
YKA-27	Power Adapter KERN YKA-27
YBA-A18	Protective Working Cover KERN YBA-A18
RTKFC-4001	Display overlay KERN RTKFC-4001
RTKFC-8001	Battery door KERN RTKFC-8001
RTKFC-8002	Rubber foot KERN RTKFC-8002
RTKFC-3001	LCD Display KERN RTKFC-3001
RTKFC-2002	Main board KERN RTKFC-2002

RELATED ARTICLES DATA

Model name	Net weight
KFC-TM	0.714 kg