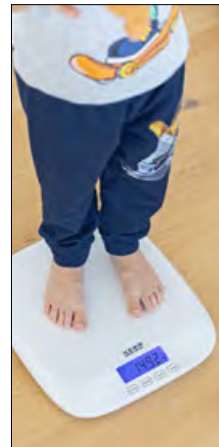


NEW



Discover more details and matching accessories online!

## Multifunctional baby and toddler scales with parent-child function

### Features

- **1** 2-in-1 function: Combination scales with removable baby weighing tray, can be used as baby scales and personal scales up to 100 kg
- Large, ergonomically optimised tray for safe weighing of neonates
- Robust plastic tray
- Easy and hygienic cleaning
- Parent-child function: One parent weighs themselves alone first, then together with the child. The child's weight is displayed automatically
- Difference function for calculating the weight gain before and after feeding
- Hold function: If people are lying or standing unsteadily, an average is taken to determine a stable weight value
- Automatic display rotation: The display rotates from a weight of 20 kg for optimum readability when used as a personal scale.
- Touch-sensitive touch buttons for easy handling
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb

### Technical data

- LCD display, digit height 20 mm
- Dimensions of tray W×D 600×295 mm
- Weighing platform dimensions without baby weighing tray, W×D×H 230×230×40 mm
- Overall dimensions W×D×H 600×354×91,5 mm
- Batteries included, 3×1,5V AAA, operating time up to 51 h
- Net weight approx. 1,6 kg

### Main scope of applications


- Private households
- Chemists


STANDARD




Model	Weighing capacity	Readability
	[Max] kg	[d] kg
<b>KERN</b>		
<b>MBF 100K-2</b>	20   100	0,01   0,05


# KERN Pictograms


 **External adjustment**  
Quick setting up of the balance's accuracy with external adjusting weight


 **Memory**  
Device memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.


 **Alibi memory**  
Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard.


 **Data interface RS-232**  
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible


 **Data interface RS-485**  
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible


 **KERN Universal Port (KUP)**  
Allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort


 **USB data interface**  
To connect the device to a printer, PC or other peripherals


 **Bluetooth\* data interface**  
To transfer data to a printer, PC or other peripherals


 **WIFI data interface**  
To transfer data to a printer, PC or other peripherals


 **Control outputs (optocoupler, digital I/O)**  
To connect relays, signal lamps, valves, etc.


 **Analogue interface**  
To connect a suitable peripheral device for analogue processing of the measurements


 **Statistics**  
Using the saved values, the device calculates statistical data, such as average value, standard deviation etc.


 **PC Software**  
To transfer the measurements from the device to a PC


 **KERN Communication Protocol (KCP)**  
A standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems


 **GLP/ISO log internal**  
The measuring device generates a GLP-compliant printout, independent of a printer connection


 **Piece counting**  
Reference quantities selectable. Display can be switched from piece to weight


 **Totalising function**  
The weights of similar items can be added together and the total can be printed out


 **Net-Total**  
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out


 **Units**  
Can be switched to e.g. nonmetric units. Please refer to website for more details


 **Measuring with tolerance range (Check weighing)**  
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model


 **ZERO**  
Resets the display to "0"


 **Hold function**  
When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight


 **Protection against dust and water splashes IPxx**  
The type of protection is shown in the pictogram


 **Suspended weighing**  
Load support with hook on the underside of the balance


 **Battery operation**  
Ready for battery operation. The battery type is specified for each device


 **Rechargeable battery pack**  
Rechargeable set


 **Universal plug-in power supply**  
With universal input and optional input socket adapters for EU, CH, GB, US, AUS


 **Plug-in power supply**  
230V/50Hz in standard version for EU. On request GB, AUS or US version available


 **Integrated power supply unit**  
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US on request


 **Weighing principle Strain gauges**  
Electrical resistor on an elastic deforming body


 **Peak hold function**  
Capturing a peak value within a measuring process


 **Push and Pull**  
The measuring device can capture tension and compression forces


 **Integrated scale**  
In the eyepiece


 **360° rotatable microscope head**


 **Monocular Microscope**  
For the inspection with one eye


 **Binocular Microscope**  
For the inspection with both eyes

 **Trinocular Microscope**  
For the inspection with both eyes and the additional option for the connection of a camera


 **Abbe Condenser**  
With high numerical aperture for the concentration and the focusing of light

 **Halogen illumination**  
For pictures bright and rich in contrast


 **LED illumination**  
Cold, energy-saving and especially long-life illumination


 **Fluorescence illumination**  
Either with a 100 W high-pressure vapour lamp or a 5 W LED fluorescent unit


 **Phase contrast unit**  
For a higher contrast


 **Darkfield condenser/unit**  
For a higher contrast due to indirect illumination


 **Polarising unit**  
To polarise the light

 **Infinity system**  
Infinity corrected optical system

 **Automatic temperature compensation**  
For measurements between 10 °C and 30 °C

 **M Conformity assessment**  
The time required for conformity assessment is 3 working days

 **1 DAY Package shipment**  
The time required for internal shipping preparations is shown in days in the pictogram

 **2 DAYS Pallet shipment**  
The time required for internal shipping preparations is shown in days in the pictogram

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