Pocket balances KERN TEE · TCB · CM · CM-C · TAB



KERN TEE

Designer pocket balance at a bargain price



KERN TCB

This is where the fun starts with pocket format weighing

BATT



III KERN CM

Small, practical and protected in a hard case cover



KERN TAB

High-precision pocket carat balance for jewellers and travelling salesmen









• Simple and convenient 2-key

• Cover made of shock proof

plastic as protection against

• Note: Can be printed with

your logo, from 100 pcs.

Please ask for details

pressure and dust. Can also be





operation

used as a tare cup





2_{YEARS} WARRANTY

STANDARD

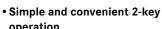
CAL EXT

STANDARD



OPTION

UNIT



- Small and handy
- Transport box and weighing pan included
- Revolving weighing plate (as overload protection)

STANDARD



WARRANTY







STANDARD



operation

STANDARD

CAL EXT

OPTION



DAkkS +3 DAYS

- operation

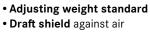
- Note: Individal logo printing on request

· Hard case cover as protection against pressure and dust

• Integrated calculator

- Hard case cover as protection against pressure and dust
- Draft shield against air movements standard

2 CM-C:



· Can be switched over from g to ct, gn at the touch of a key

• Simple and convenient 4-key

- Hard case cover as protection against pressure and dust
- Adjusting weight and weighing pan standard



KERN	TEE 150-1	TCB 200-1	CM 60-2N	CM 150-1N	CM 320-1N	CM 1K1N	CM 50-C2N	TAB 20-3
Weighing range [Max] g	150 g	200 g	60 g	150 g	320 g	1000 g	10 g 50 ct	20 g 100 ct
Readout [d] g	0,1 g	0,1 g	0,01 g	0,1 g	0,1 g	1 g	0,002 g 0,01 ct	0,001 g 0,005 ct
LCD display	backlit, digit height 9 mm	Digit height 9 mm	Digit height 12 mm				Digit height 9 mm	backlit, digit height 9 mm
Dimensions of weighing plate	WxD 60x64 mm	Ø 80 mm	WxD 70x80 mm				WxD 50x40 mm	WxD 36x42 mm
Overall dimensions	WxDxH 67x100x22 mm	ØxH 80 mm	WxDxH 85x130x25 mm					WxDxH 95x133x33 mm
Power supply	Batteries included, 2 x 1,5 V AAA	Batteries included, 2 x LR 44 AUTO-OFF function to preserve battery life, can be switched off	Batteries included, 2 x 1,5 V AAA AUTO-OFF function to preserve battery life, can be switched off Operating time:				Batteries included, 4 x 1,5 V AAA operating time approx. 150 h	
			ca. 30 h	ca	. 70 h	Ca	a. 30 h	
Net weight	100 g	50 g	180 g			200 g		
Permissible ambient temperature	5 °C/35 °C							10 °C/30 °C
						·		
Option DAkkS Calibr. Certificate	963-127							

KERN Pictograms:



Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).



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



Suspended weighing: Load support with hook on the underside of the balance.



Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.



Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).



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



Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.



Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.



Rechargeable battery pack: Rechargeable set.



Alibi memory: Electronic archiving of weighing results, complying with the 2009/23/EC standard.

Data interface RS-232: To connect the

balance to a printer, PC or network.



Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode.



Universal mains adapter: with universal input and optional input socket adapters for



A) EU, GB B) EU, GB, CH, USA

C) EU, GB, CH, USA, AUS



Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.



• AHA •

RS 232

RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.



Totalising level A: The weights of similar items can be added together and the total can be printed out.



Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.



USB data interface: To connect the balance to a printer, PC or other peripherals.



Totalising level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode



Weighing principle: Strain gauge Electrical resistor on an elastic



Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.

WLAN data interface: To transfer data

from the balance to a printer, PC or other



recognition.



deforming body. Weighing principle: Tuning fork

excited, causing it to oscillate.

For the most accurate weighings.

A resonating body is electromagnetically



Percentage determination: Determining the deviation in % from the target value (100 %).



Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet.



WLAN

peripherals.

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



Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KFRN's website for more details.



Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.



Interface for second balance: For direct connection of a second balance.



Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.



Verification possible:

The time required for verification is specified in the pictogram.



Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.



Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average



DAkkS calibration possible (DKD): The time required for DAkkS calibration is shown in days in the pictogram.



Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.



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



Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.



GLP/ISO log: The balance displays the weight, date and time, regardless of a printer



ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.



Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.



GLP/ISO log: With weight, date and time. Only with KERN printers.



Stainless steel: The balance is protected against corrosion.



Warranty: The warranty period is shown in the pictogram.

KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2000 kg. In combination with a DAkkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and forcemeasurement in Europe.

Thanks to the high level of automation, we can carry out DAkkS calibration of

balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:

- DAkkS calibration of balances with a maximum load of up to 50 t
- DAkkS calibration of weights in the range of 1 mg 2500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices • DAkkS calibration certificates in the following languages D, GB, F, I, E, NL, PL

Your KERN specialist dealer: