

Technical data / Specifications:

Weighing range: 2000 g
Resolution: 0,1 g
Height of digits: 10 mm

Dimensions:
Weighing platform: 100x100 mm
Scale pan small: 102x102x7 mm (inner dimensions)
Scale pan large: 127x106x20 mm (inner dimensions)
Housing: 127x106x17 mm (outer dimensions)

Power: supplied by 2x AAA batteries

If you wish to clean the digital balance, please use a dry and soft piece of cloth only. Do not use any solvent-containing liquids to clean the digital balance!

This device may only be operated by qualified personnel or by persons who have been instructed in its use.

Try to avoid working at problematic conditions such as extreme heat or cold. The digital balance works best at temperatures between 10 and 35 °C.

If the balance is used in another room with a different temperature, give the digital balance a bit time to adjust to the new room temperature to ensure an accurate result..

Store the digital balance in a clean surrounding!

If the digital balance is not in use, it should be covered inside the carton box.

Dust, dirt, vibrations, strong air stream and permanent exposing the device to strong magnetic or electromagnetic forces could damage the device or have a negative effect on the electronic components.

Strong vibrations, impacts or other mechanical stress factors should be avoided during using the digital balance, the internal weighing bar could get damaged or inaccurate.

The warranty of the device expires if it is handled in a careless or inappropriate way.

NTL Fruhmann GmbH - 7372 Karl, Austria



DM125-4C
Digital balance 02,
2000 / 0,1 g



Thank you for purchasing the NTL–digital balance of the 2nd generation. Please read the operating instructions carefully before using the digital balance.

Attention:

Do not load the digital balance higher than its maximum capacity !
Overloading will cause permanent damage!

Operation:



① Button “On/Off” (to turn the balance on and off):

- Place the digital balance on a flat, horizontal and stable surface
- Push the “On/Off”-button short time
- After 2 or 3 seconds, a stable display of “0.0” will appear
- If there is no change in weight for about 3 mins., the digital balance will turn off automatically
- By pushing the “On/Off”-button again, the digital balance can also be turned off.

② Button “M” (to change the weighing units):

- Turn on the digital balance
- The following weighing units can be selected by pushing the “M”-button:
- „g“ = gram
- „oz“ = ounce 1 ounce = 28.35 g
- „ozt“ = troy ounce 1 troy ounce = 31.1034768 g
- „dwt“ = „Pennyweight“ 1 dwt = 1.55517384 g
- „ct“ = carat 1 carat = 0.2 g
- „gn“ = grain 1 grain = 0.065 g

③ Button “T” (tare function):

- Turn on the digital balance
- Place the weighing tray or container on the scale platform
- Push the “T”-button until it displays “0.0”
- If you add items or weights to the tray or container now, you can determine just the weight of the added content or mass

④ Button “PCS” (to count pieces):

All pieces must have the same mass so that the counting function works.

- Turn on the digital balance
- Put a tray or container on the scale platform
- Push the “T”-button for the tare function
- Push the “PCS”-button and hold it, until display shows „25“
- Release the button afterwards
- When pushing the “M”-button, you can select one of the following quantities as sample counts:
25, 50, 75 or 100
- Put the unit you want to count into the tray or container
- Push the “PCS”-button to confirm this unit
- Push the “PCS”-button again and put all units you want to count into the tray or container
- The display shows a multiple of the counted unit

Calibration:

The digital balance is already calibrated; therefore it is not required to calibrate it before the first use.

When false results start to appear, the digital balance needs to be re-calibrated in the following way:

- Immediately after turning on the digital balance, push the “M”-button for a few seconds until “CAL” is shown on the display
- When pushing the “M”-button again, the mass of the calibration weight is shown
- Put the calibration weight on the scale platform
- The digital balance is calibrated again after “PASS” was displayed

Troubleshooting:

„O-Ld“: The digital balance is overloaded - remove the weight immediately!

„UnSr“: The digital balance is in an unstable position, put it on a flat and horizontal surface.