



RADWAG BALANCES AND SCALES
ADVANCED WEIGHING TECHNOLOGIES

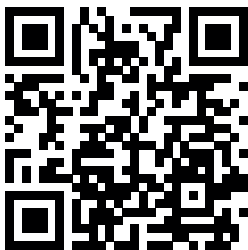
IMMB-08-01-09-20-EN

Start up Guide

Precision balances

- WTC

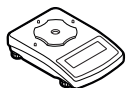
To view a complete User Manual go to the website or scan QR code:



radwag.com/en/manuals/13808

1. CONTENT

Models: WTC (d=0,001g)



Balance
x1



Draft shield
x1



Weighing pan
x1



Power adapter*
x1

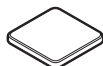
Models: WTC (d=0,1g)



Balance
x1



Draft shield
x1



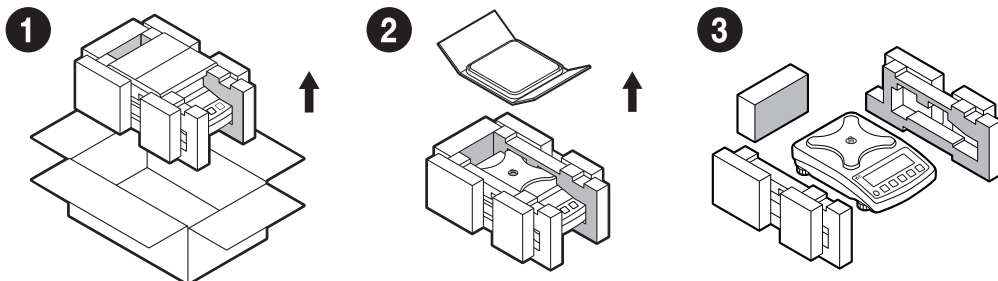
Weighing pan
x1



Power adapter*
x1

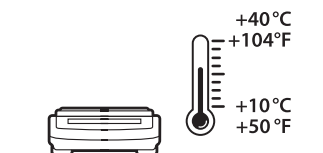
**The plug type may vary by country.*

2. UNPACKING



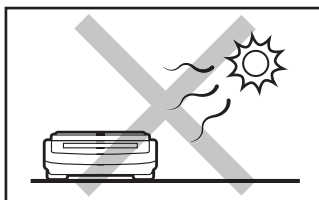
Keep the packaging should a warranty claim or service be required.

3. RECOMMENDATIONS AND WARNINGS

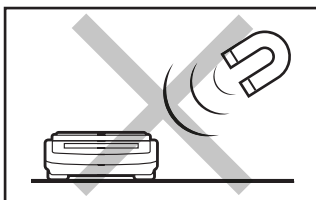


Operate the device in a room where the temperature ranges between 10–40 °C (50–104 °F) and where the relative humidity is below 80%.

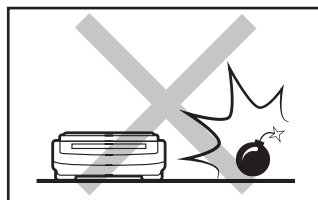
Place the balance on a solid surface to ensure stability. To obtain stable and repeatable weighing results, an anti-vibration table is recommended.



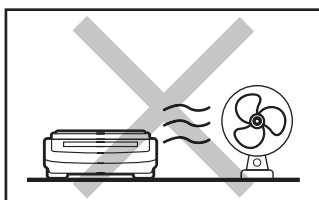
Place the balance away from heat sources. Avoid exposing the balance to the sunlight.



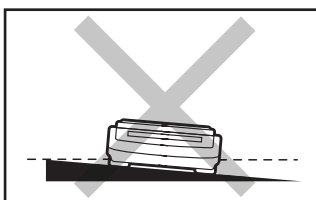
Avoid exposing the balance to a magnetic field. Do not weigh magnetic substances.



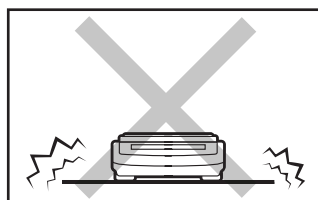
Do not place the balance in a hazardous area. Do not weigh explosive materials.



Avoid air drafts and air movements at the workstation.



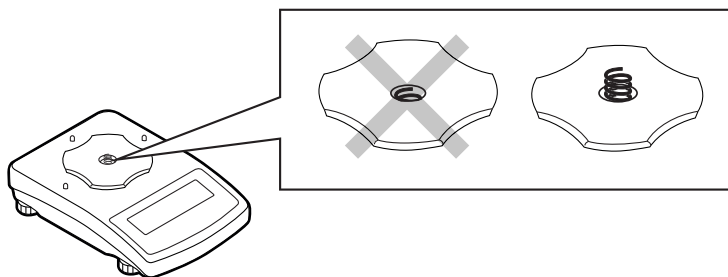
Make sure that the balance is placed on an even surface.



Do not place the balance on an unstable ground exposed to shocks and vibrations.

4. ACTIVITIES TO BE DONE PRIOR TO OPERATION

4.1. Grounding spring check

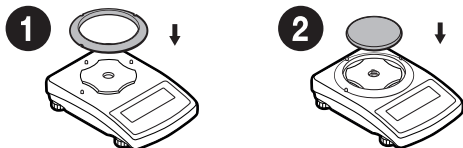


Check whether the grounding spring takes its intended location.

Make sure that the grounding spring juts slightly out of the hole.

5. COMPONENTS ASSEMBLY

Models: WTC (d=0,001g)

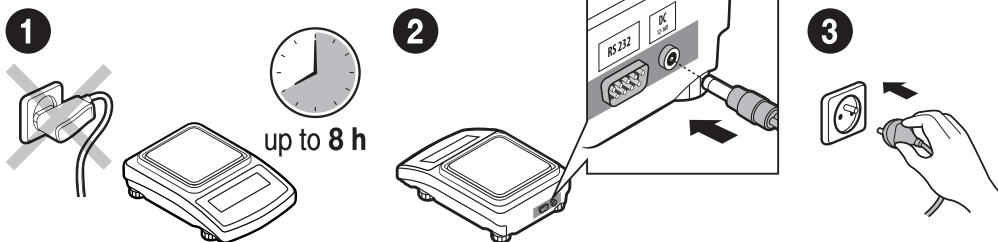


Models: WTC (d=0,01g; d=01g)



6. PREPARING FOR WORK

6.1. Temperature stabilization

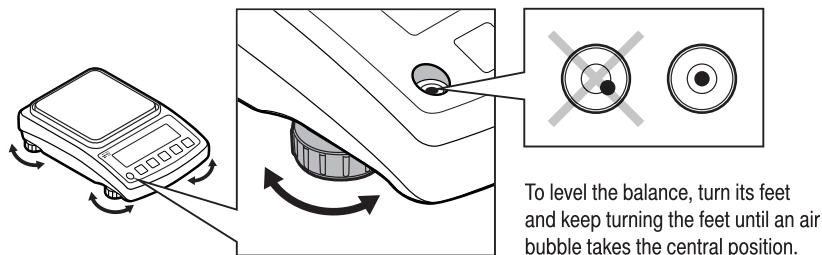


Prior to switching the device on, let it reach room temperature (estimated stabilisation time: up to 8 hours).

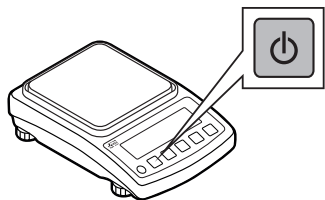
Connect the power adapter to DC connector.


Connect the power adapter to the mains.

6.2. Levelling



6.3. Switching the balance on



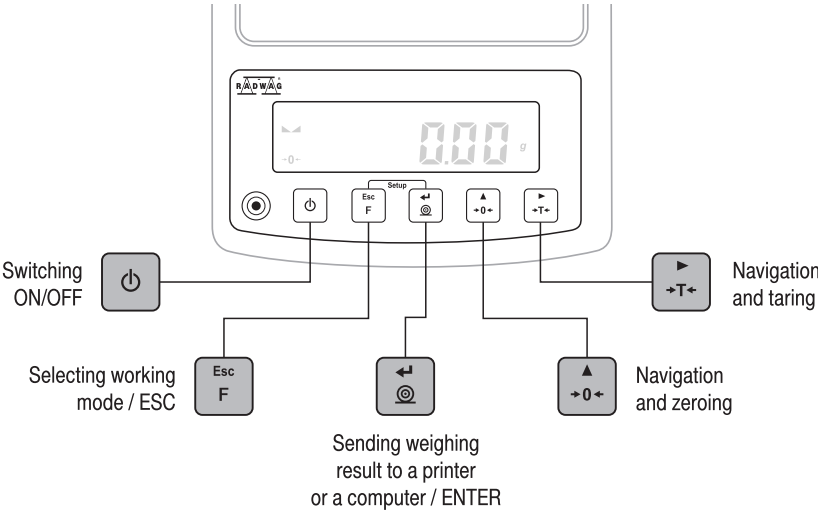


Your balance is ready to use!

To switch the device on, press ON / OFF key.

7. PANEL AND SCREEN

7.1. Panel keys



7.2. Home screen



8. BASIC OPERATIONS

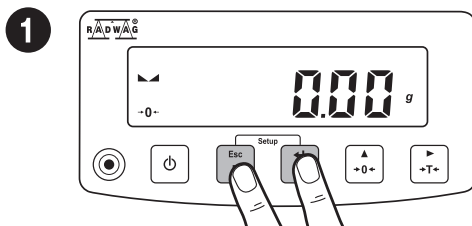
8.1. Adjustment

External adjustment is carried out using an external mass standard of the right accuracy and weight value, which value depends on balance type and capacity.

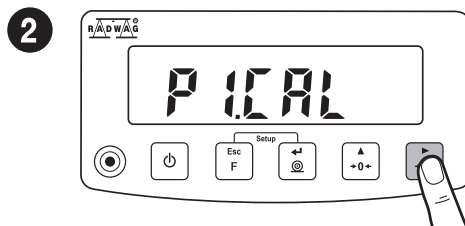


The adjustment mass standard does not come with the balance.
Prior to adjustment prepare the right mass standard. You are recommended to use a mass standard of class F1 or F2. View the table and select the mass standard you need.

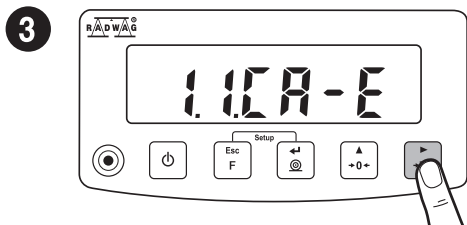
Balance model	Mass standard [g]
WTC 200	200
WTC 600	500
WTC 2000	2 000
WTC 3000	2 000



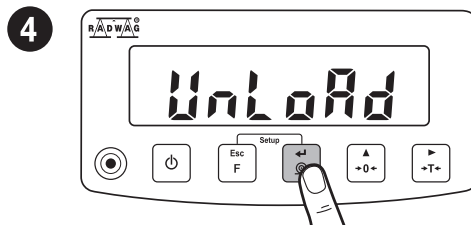
Simultaneously press **Esc F** + **Setup** keys to enter home screen.



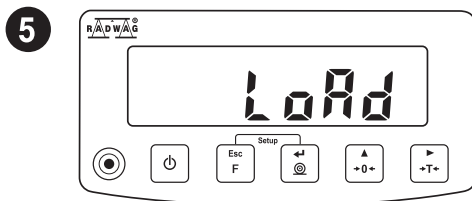
While "P1.CAL" parameter is on, press **Tare** key.



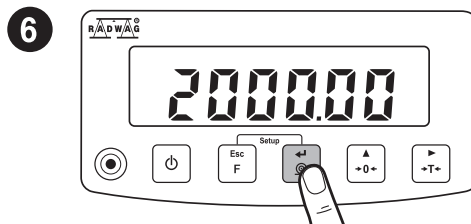
While "1.1.CA-E" parameter is on, press **Tare** key.



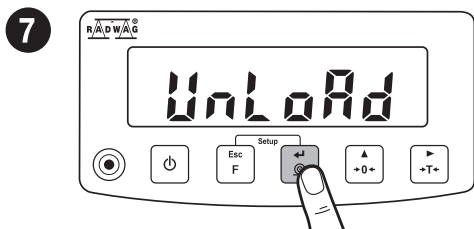
Unload the weighing pan and press **Tare** key.



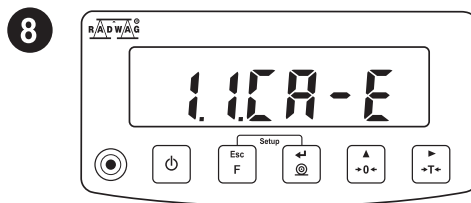
Prepare suitable mass standard.



Load the weighing pan with the mass standard and press **Tare** key.

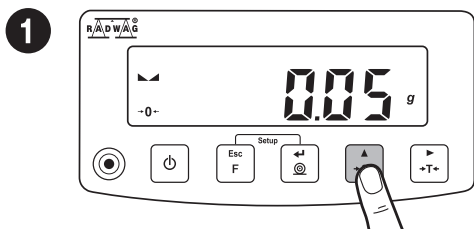


Unload the weighing pan.

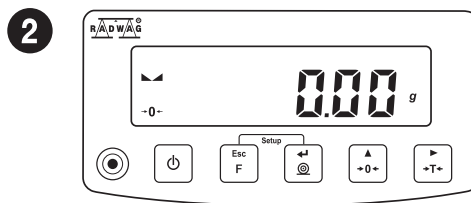


Adjustment completed.

8.2. Zeroing

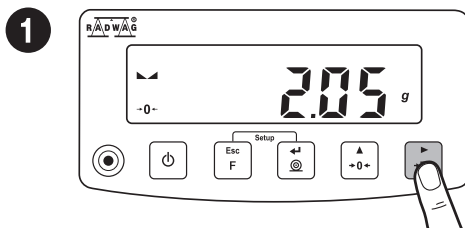


With unloaded weighing pan press key.

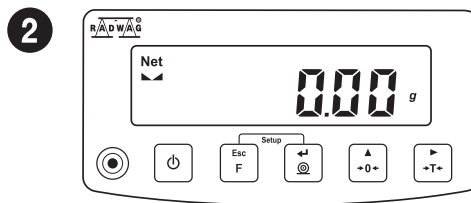


The balance has been zeroed.

8.3. Taring

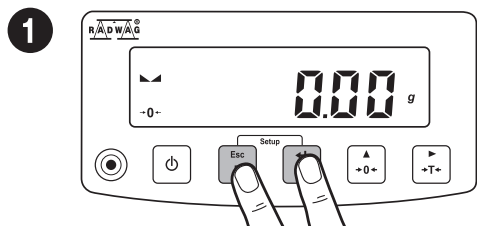


With loaded weighing pan, upon result stabilization, press key.

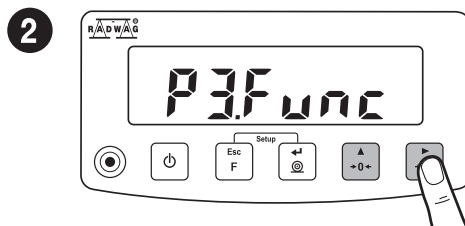


The balance has been tared.

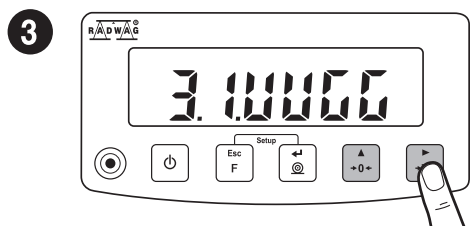
8.4. Working modes accessibility



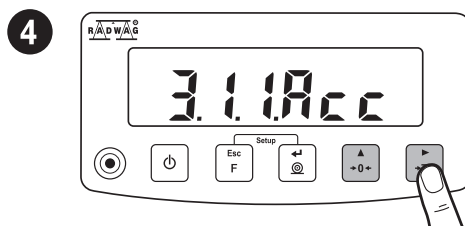
Simultaneously press **Esc** + **+0+** keys to enter home screen.



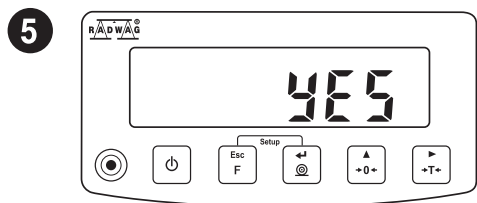
Using **+0+** key select "P3.Func" parameter and press **+T-** key.



While "3.1.UUGG" parameter is on, press **+T-** key.



Using **+0+** key select "3.1.1.Acc" parameter and press **+T-** key.

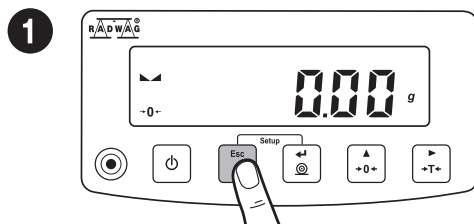


Using **+0+** key select "YES" value and press **+T-** key to confirm.

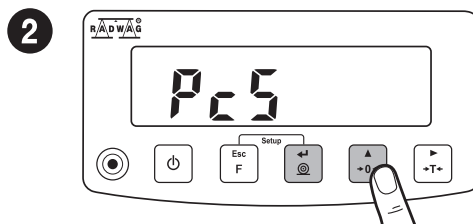


To configure other working modes, follow the above procedure.

8.5. Selecting working mode



Using key enter working modes menu.



Using key select working mode and press .

The menu features the following working modes:

- Weighing
- Parts counting
- +/- Control
- Percent Weighing
- Peak Hold
- Totalising

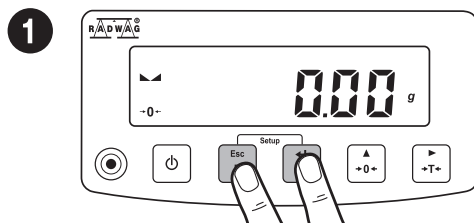


Detailed overview of the settings of the working modes is to be found in balance's main user manual.

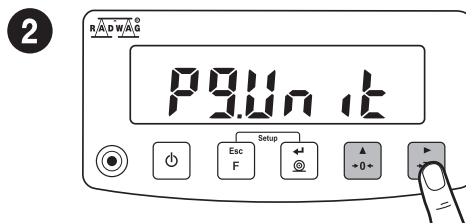
8.6. Weighing unit selection



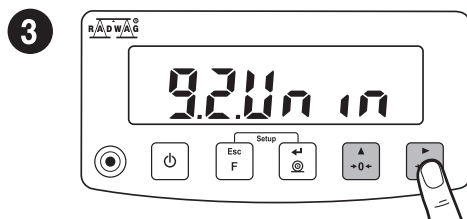
When the main unit is g (gram), the user has the following units:
g (gram), ct (karat), lb (pound).*



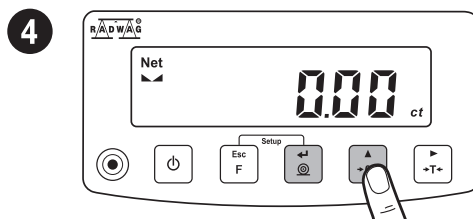
Simultaneously press + keys to enter home screen.



Using key select "P9.Unit" parameter and press .



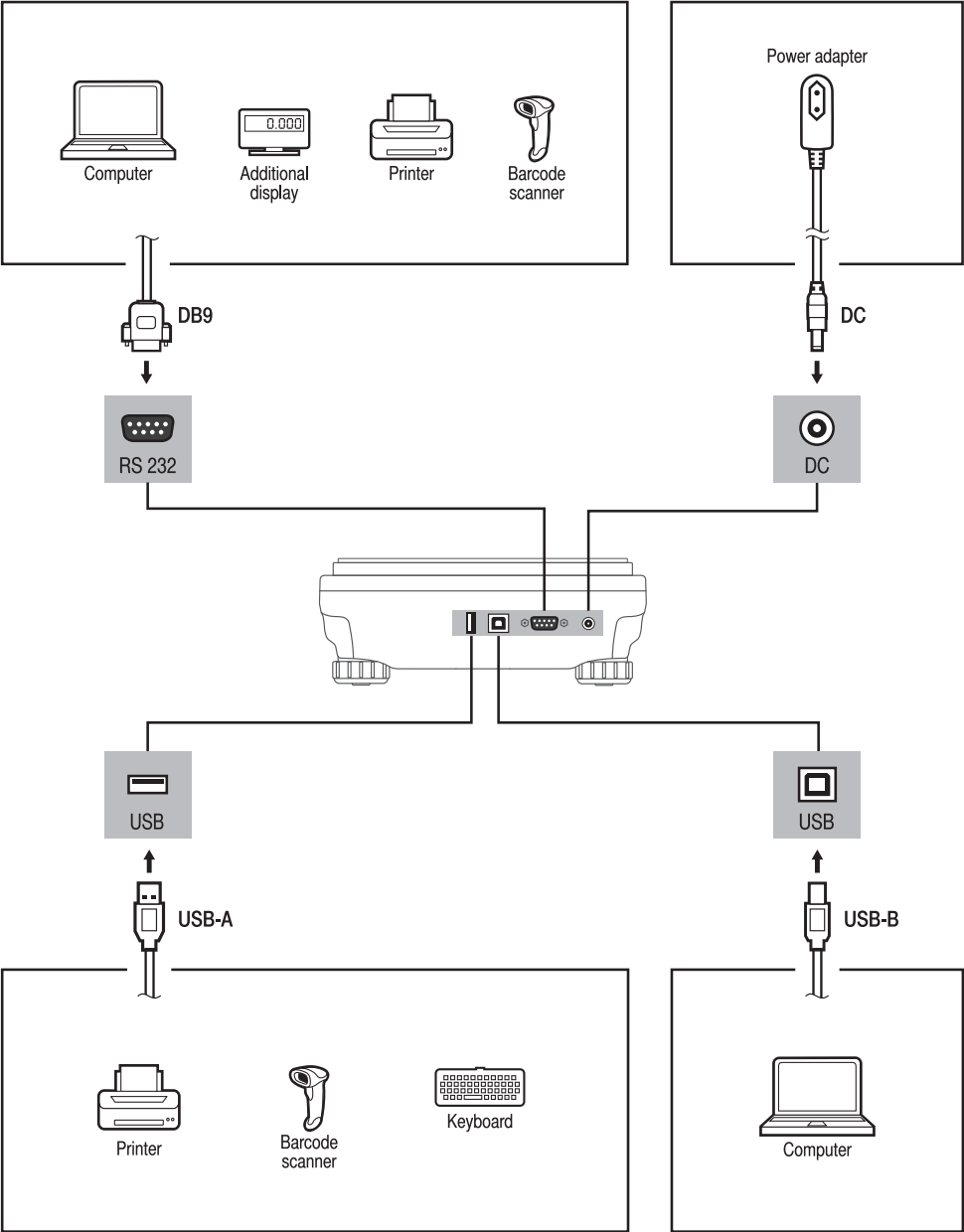
Using key select "9.2.Unin" parameter and press .



Using key select weighing unit and press key to confirm.

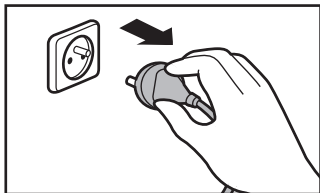
* (lb) pound unit unavailable for verified balances.

9. PERIPHERAL DEVICES CONNECTORS

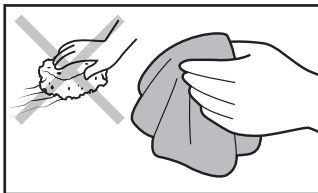


10. DEVICE CLEANING

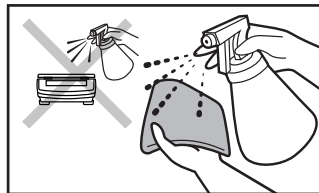
10.1. General recommendations



Prior to cleaning it is necessary to disconnect the device from the mains! Remove the plug from the outlet, disconnect all cables.



Use soft cloths made of microfiber, natural fiber or man-made fiber. Avoid using abrasive cloths or cloths that might scratch the surface.



Apply the cleanser onto the cloth first. Avoid applying the cleanser directly onto the device.



Do not use aggressive cleaning agents (e.g. solvents, chlorine preparations, corrosive chemicals, bleach).



Neither use substances of sharp structure nor intended for scrubbing.



Make sure that neither dust nor liquid gets inside the weighing system (device inside).

10.2. Cleaning instructions

- **GLASS PANES AND COMPONENTS** can be cleaned using window cleaner.
- **WEIGHING PANS AND STAINLESS STEEL OR ALUMINIUM COMPONENTS** can be cleaned using a cloth slightly soaked in a solution of water and gentle cleanser (e.g. soap or dishwashing liquid).
- **OPERATION PANEL AND HOUSING** can be cleaned using a cloth slightly soaked in a solution of water and gentle cleanser (e.g. soap or dishwashing liquid).
- Dry sample leftovers can be removed using either brush or handheld vacuum cleaner.
- Clean components can be dried using soft cloth or dust-free paper towel, with this the remaining moist will be absorbed.
- **Install all the components providing they are completely dry.**



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