

CLEAN YOUR BALANCE

IN 8 EASY STEPS



CLEANING IS IMPORTANT

- Ensures accurate results
- Extends the life of weighing equipment
- Increases user safety
- Reduces the risk of cross-contamination



8 EASY STEPS

Maintaining cleanliness is easier than you might think. Here are 8 easy steps to ensure your balance is clean and ready to work its best for you.

01

GET READY

Protect yourself & prepare instructions.

Wear appropriate personnel protective equipment (coat, goggles and gloves).

Consult the operating instructions on how to disassemble & reassemble the removable parts of your balance.

Consult the operating instructions on which cleaning methods and agents are recommended to clean the balance parts.



TIP #1

WHEN IS IT TIME TO CLEAN THE BALANCE?

Every lab has its own guidelines or SOP on how often a balance should be cleaned, depending on industry, application and frequency of use. But as a general rule, the balance should be cleaned immediately after each use or every time the weighing substance is changed. This avoids cross-contamination and exposure risk for the person who uses the instrument next.

02

SWITCH THE BALANCE DISPLAY OFF

Unplugging the power is recommended but not necessary (If possible, leave the balance in its normal operating position, do not tilt it sideways and don't unplug connected peripherals).

03

CLEAN THE AREA AROUND THE BALANCE

Cleaning the area around the balance as well as the balance itself is a good idea daily. Use a soft bristle brush as well as a damp chem wipe or paper towel.

04

DISASSEMBLE ALL REMOVABLE PARTS

With an A&D Weighing balance, there is no unlocking or unscrewing for dismantle.

Remove the inner draft shield.

Remove weighing pan, sub pan, pan stem, draft ring and drip tray.



TIP #2

WHAT KIND OF CLEANING AGENTS TO USE?

The cleaning agent selected must be able to:

1. Fully remove contamination yet
2. Not damage the equipment
3. Make sure to check the manufacturers operations manual to ensure which cleaning agents are recommended

05

CLEAN THE BALANCE

Use a lint-free cloth moistened with a mild cleaning agent to clean and remove any split material on the surface of the balance.

For removal of powder or dust use a disposable tissue or soft, bristled brush (never blow on equipment; this could transport the dirt inside the balance).

For removal of sticky substances, use a damp lint-free cloth and mild solvent or peanut butter; avoid abrasive materials.

Wipe away from the hole in the middle of the balance. Do not allow any substance to enter the balance's internal parts & do not spray or pour liquids on the balance.



NOTE

A&D Weighing Waterproof balances such as FX/FZi-WP are IP65 rated for both dust and water. A plastic membrane covers the hole protecting the weigh cell and makes cleaning quick and easy.

06

CLEAN THE REMOVABLE PARTS

Use a damp cloth or tissue and clean with a mild cleaning agent. If the parts are stainless steel, simply place them in the dishwasher or autoclave if required for the application.

07

REASSEMBLE THE BALANCE

Make sure the parts are correctly positioned, switch the balance on and check that it is working correctly. If completely switched off: Ensure enough warm-up time before first use (check the operating instructions for manufacturer's recommendation).

08

ENSURE THE BALANCE IS READY

Ensure that the air bubble is in the center of the marked circle, and take appropriate action to re-level if it is not.

Calibrate with external weights or execute an internal calibration such as Automatic Self Calibration (ASC).

Place a test weight on the weighing pan and perform a routine test to check accuracy.

Test accessories (e.g. test printout for printer).



NOTE

A&D Weighing balances are designed for easy cleaning, however certain precautions should be taken & appropriate agents used during cleaning procedures.