



## DIGITAL BALANCE

- It's a medical instrument used for measuring of weight, the weight wanted to be measured in laboratories are usually chemicals and sometimes be specimens. The unit used in all balances are the metric units: this meaning that balances uses grams, milligrams, micrograms, kilograms. All Balances can be grouped with in two categories, they are:
  - **Procedure:**
  - Plug in to ensure the power supply.
  - Switch ON the main power supply and instrument mains.
  - Make sure the weighing pan is free of particles.
  - Ensure that the initial weight that is displaying is ZERO.
  - Place the weighing vessel, weigh boat, or weighing paper on the balance pan.
  - Press on the TARE button so the display reads ZERO.
  - Using a spatula or sampling tool, transfer the substance being measured into the weighing vessel placed on the balance pan.
  - Record the mass of the object as displayed.
  - Do not exceed the limit of precision of the instrument. This is a major reason for error in measurement.