

## Standard operating procedure of Digital scale

**Objective:** These instructions describes the usage, maintenance and calibration of a Digital scale which is kept in Nano-biomedicine laboratory.

**Scope:** This apparatus is applicable for weighing/scaling materials.

**Responsibility:** Laboratory assistance is responsible for the accuracy of the apparatus and should be reported to him/her in case of problems.

**Materials and equipment:** ---

**Guidelines for use:**

- 1 - Settle the scale in a smooth and flat place away from any vibration and wind flow.
- 2 - In order to scale more accurately, it is best to clear the device an hour before using the ON/OFF switch.
- 3 – Before starting to weighing calibration of device is a priority. (Press the CAL button to start the calibration. Until the screen displays CAL in refuse to shake and prepare a scale for weighing. The device is automatically returned to weighing condition after the calibration is finished.
- 4 – If necessary, put a container or a sheet on the scaling panel, then press the RE - ZERO button to eliminate container/sheet weight.
- 5 - Before weighing select the scale unit via adjusting MODE button.
- 6 - Settle the chosen material on the panel or selected container and wait until the number is fixed on the screen.
- 7 – At the end of process turn off the device by the ON / OFF switch and close the chamber after cleaning the scales.

**Warning and safety precautions:**

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**Maintenance:**

Be sure that in certain time periods the scaling bench is clean.

Document ID: RCPN 49

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| Document name        | Standard operating procedure of Digital scale   |
| Document arrangement | Mohanna Osali   |
| Date                 | 10/25/2018  |
| Full file name       | Standard operating procedure of Digital scale   |
| Document Description | These instructions describes the usage, maintenance and calibration of a Digital scale, which is kept in Nano-biomedicine laboratory. |
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