SOP: Fisher Accu 124 Balance Operation

Approvals:

Preparer: Jason McMillan   Date: 14JAN14

Reviewer: Dr. Maggie Bryans   Date: 15JAN14

1. **Purpose:**
   1.1. Operation of Fisher Accu 124 Balance.
2. **Scope:**
   2.1. Applies to the weight measurement of laboratory materials.
3. **Responsibilities:**
   3.1. It is the responsibility of the course instructor/lab assistant to ensure that this SOP is performed as directed and to update the procedure when necessary.
   3.2. It is the responsibility of the students/technicians to follow the SOP as described and to inform the instructor about any deviations or problems that may occur while performing the procedure.
4. **References:**
   4.1. Fisher Accu 124 Balance Instruction Manual.
5. **Definitions:** N/A
6. **Precautions:** N/A
7. **Materials:**
   7.1. Appropriate weighing container(s) such as weigh boat, weigh paper, beaker, flask, bottle, etc.
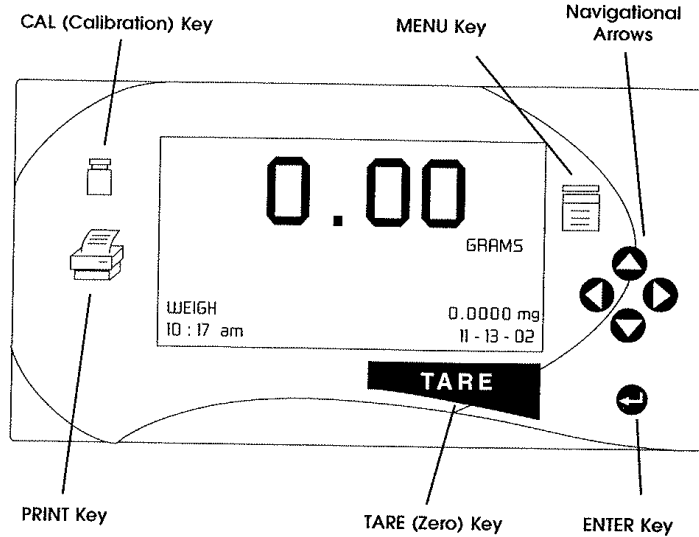8. **Procedure:**
   8.1. **Simple Weighing**
      8.1.1. Place weighing container on the balance weighing pan. Press the "TARE" button to zero the weight display **TARING** will be displayed and then the display will read **0.0000g** (or selected units to the designated resolution). When the reading is stable the weigh units will appear under the weight reading on the display.
      8.1.2. Remove the weighing container. Load weighing container with material to be weighed. Place loaded weighing container on the weighing pan. When the reading is stable the weigh units will appear under the weight reading on the display. Record the weight indicated on the display.
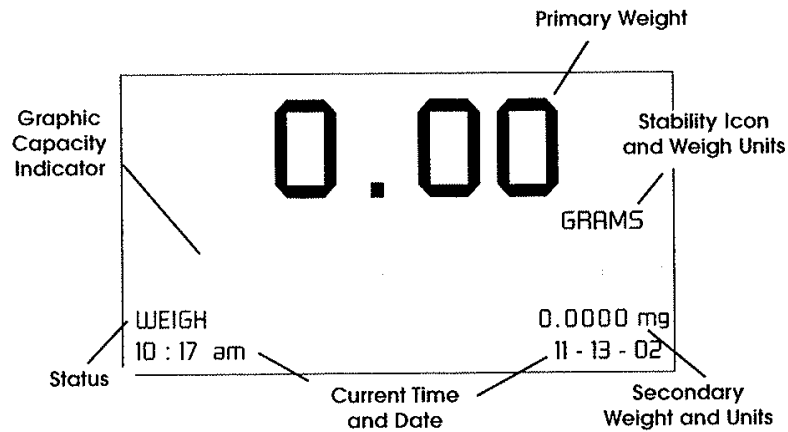   8.1.3. Remove the loaded weighing container.

SOP: Fisher Accu 124 Balance Operation

9.   Attachments:

Figure 1: Fisher Accu 124
Fisher Accu 124 Manual

Figure 2: Fisher Accue 124 Display
Fisher Accu 124 Manual

10.   History:

Revision Number	Effective Date	Preparer	Description of Change
0	14JAN14	Jason McMillan	Initial release