

SOP: Denver Instrument APX 323 Balance Operation

Approvals:

Preparer: Jason McMillan

Date: 10JAN14

Reviewer: Dr. Maggie Bryans

Date: 11JAN14

1. Purpose:

1.1. Operation of Denver Instrument APX 323 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. Denver Instrument APX 323 Balance Instruction Manual.

5. Definitions: N/A

6. Precautions: N/A

7. Materials:

7.1. Appropriate weighing container(s) such as a weigh boat, weigh paper, beaker, flask, bottle, etc.

8. Procedure:

8.1. Simple Weighing

8.1.1. Turn the scale on using the "I/O" button.

8.1.2. Place weighing container on the balance weighing pan. Press the "ZERO" button to zero the weight display. (- -) will appear on the display indicating the balance is being zeroed. The balance will then read 0.0000 after successful taring.

8.1.3. Remove the weighing container. Load weighing container with material to be weighed. Place loaded weighing container on the weighing pan.

8.1.4. When the reading is stable the unit of measurement will appear in the bottom right-hand corner.

8.1.5. Record the weight and remove the loaded weighing container.

8.1.6. To turn balance off, press and hold the "ON/OFF" button.

8.2. Select Weighing Units

8.2.1. Press "ON/OFF" button to turn the balance on.

8.2.2. Press the "Arrow KEY" button to scroll between units.

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9. Attachments:

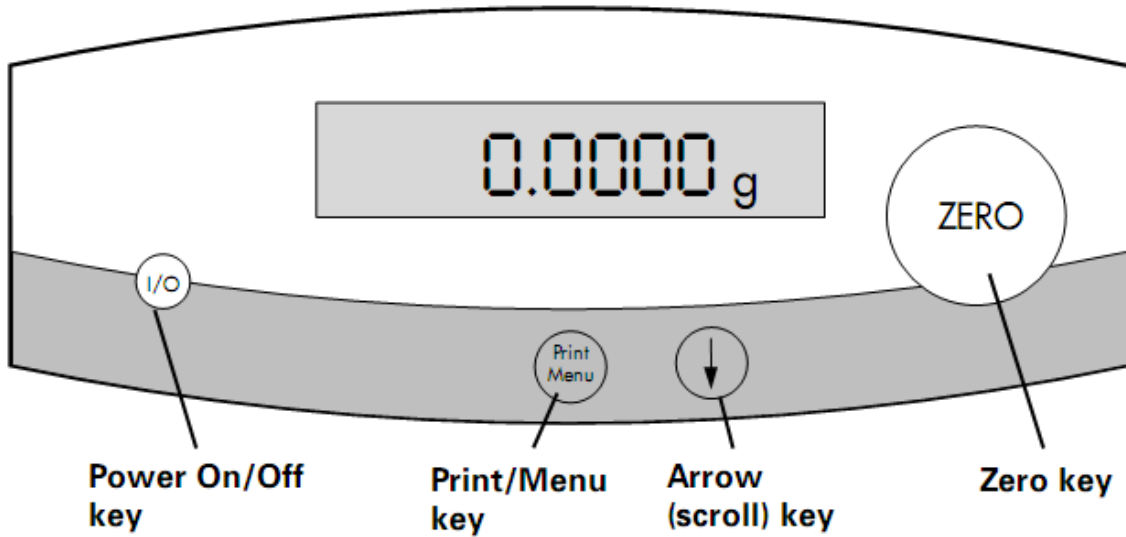


Figure 1: Denver Instrument APX 323 Display and Keyboard
Denver Instrument APX 323 Manual

10. History:

<i>Revision Number</i>	<i>Effective Date</i>	<i>Preparer</i>	<i>Description of Change</i>
0	10JAN14	Jason McMillan	Initial release