

SOP: Denver Instruments SI 4002 Balance Calibration

Approvals:

Preparer: Jason McMillan
Reviewer: Dr. Margaret Bryans

Date: 09JAN14
Date: 10JAN14

1. Purpose:

1.1. Calibration of Denver Instruments SI 4002 Balance.

2. Scope:

2.1. Applies to the calibration of Denver Instruments SI 4002 Balance.

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 Instruments SI 4002 Balance Instruction Manual
- 4.2. Denver Instruments SI 4002 Balance Operation SOP

5. Definitions: N/A

6. Precautions: N/A

7. Materials:

- 7.1. Denver Instruments SI 4002 Balance

8. Procedure:

8.1. Internal Calibration

- 8.1.1. Press "ON/OFF" button to turn the balance on.
- 8.1.2. Press the "TARE" button to tare the balance.
- 8.1.3. Press the "CAL" button to start calibration. **CAL.INT.** will be displayed followed by **CAL.RUN.** while the built in weight is applied automatically.
- 8.1.4. When calibration is finished the display will read **CAL.END** and the balance is ready to use.

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9. Attachments:

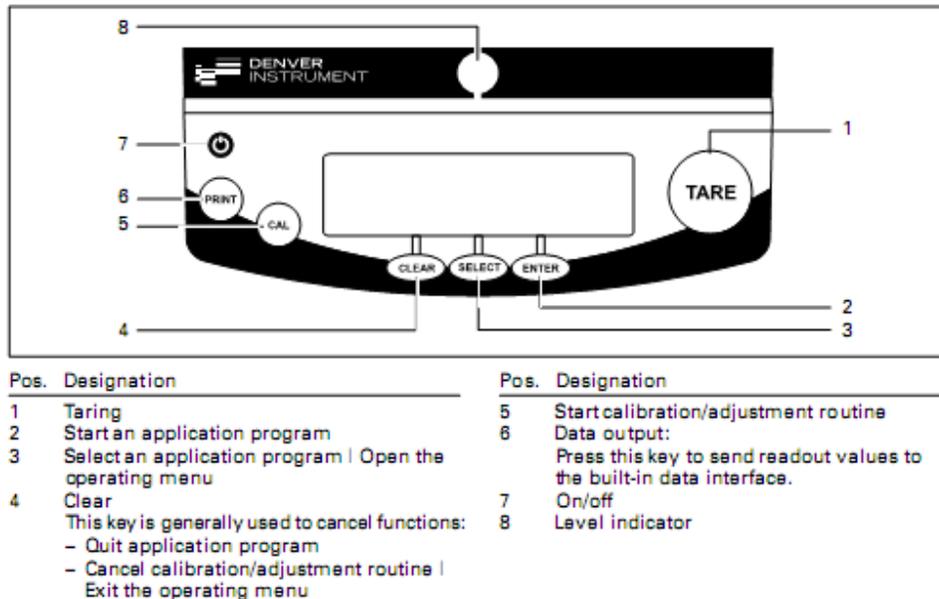


Figure 1: Denver Instrument SI 4002
 Denver Instrument SI 4002 Manual

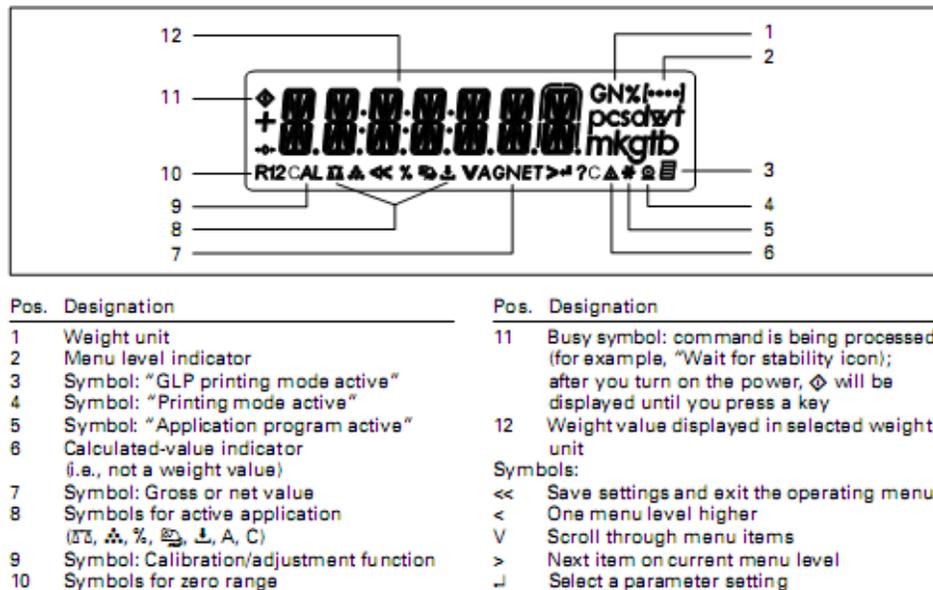


Figure 2: Denver Instrument SI 4002 Display
 Denver Instrument SI 4002 Manual

10. History:

Revision Number	Effective Date	Preparer	Description of Change
0	09JAN14	Jason McMillan	Initial release