
CALIBRATION INSTRUCTIONS 3100

The calibration mode can only be reached from the standard weighing mode. You cannot get into the calibration mode when you are in piece count mode.

DEFINING ZERO

- Unload the system.
- Switch the system on.
- To enter the zero calibration mode press the >0< key for 10 seconds.
 - ❑ After 3 seconds the display will show the last entered code.
 - ❑ After 7 seconds the display will go into the zero calibration mode and start adjusting.
 - ❑ The display will show "Adj08" and run down until "Adj00". The adjustment has been completed.
 - ❑ The indicator shows the percentage of the total capacity that was adjusted. For a normal scale this would be between 5 and 8 percent. A larger percentage could mean one or more load cells are broken. A lower percentage could mean the fork cover is not mounted.
 - ❑ The zero point has been defined, the system automatically returns to the standard weighing mode.

SINGLE POINT CALIBRATION

- Press the ⇄T key for about 10 seconds.
 - ❑ After 3 seconds the display will show the last entered pre-set tare value.
 - ❑ After 7 seconds the display will go into calibration mode.
 - ❑ The display will show the first calibration point with the pointer "e1" flashing.
- Using the ^ and v keys you can see the three earlier programmed values on the display.
 - ❑ The pointer will move through e1-3. "e1" is the first calibration point, "e2" the second and "e3" the third.

When calibrating only one point the second and third values should be set to zero.

- Use the ^ and v keys to move to the second calibration point.
 - ❑ The display will show the pointer "e2" flashing.
- Press the ↵ key.
 - ❑ The display will show the previously entered calibration value, with the last segment flashing.
- Use the ^, v and < keys to return all the segments to zero.
- Press the ↵ key.
- Use the ^ and v keys to move to the third calibration point.
- Repeat the above to set all the segments to zero.
- Press the ↵ key.

Calibrating the single point

- Use the ^ and v keys to return to the first point.
 - ❑ The indicator shows the value of the first calibration point, with the "e1" pointer flashing.
- Load the scale with a known weight.
- Press the ↵ key to enter this weight onto the indicator, the first segment starts flashing.
- Use the ^ and v keys to change all the segments until the proper weight has been entered.
- Press the ↵ key to return to calibration mode. The "e1" pointer will start flashing.
- Press the ↵ key for 3 seconds to confirm the entered weight.
 - ❑ This calibration number counts down from Adj 08 to Adj 00, the first calibration point has now been set.
- Leave the calibration mode by pressing the ^ or v key until AP XX appears. This number indicates the calibration sensitivity percentage, eg AP 07.
- Press the ↵ key.
 - ❑ The display now shows the value of the gravitation constant. Use the ^, v and < keys to correct this for your position.
- Press the ↵ key to return to the standard weighing mode.

MULTI-POINT CALIBRATION

- Push the ⇄T key for about 10 seconds.
 - ❑ After 3 seconds the display will show the last entered pre-set tare value.
 - ❑ After 7 seconds the display will go into the calibration mode.
 - ❑ The display will show the first calibration point with the pointer “e1” flashing.
- Using the ^ and v keys you can see the three earlier programmed values on the display. The pointer will move through e1-3. “e1” is the first calibration point, “e2” the second and “e3” the third.
- Use the ^ and v keys to return to the first point.
 - ❑ The indicator shows the value of the first calibration point, with the “e1” pointer flashing.
- Load the weighing system with a known weight.
- Press the ↵ key to enter this weight onto the indicator.
 - ❑ The first segment will start flashing.
- Use the ^, v and < keys to change all segments until the proper weight has been entered.
- Press the ↵ key to return to calibration mode.
 - ❑ The “e1” pointer will start flashing.
- Press the ↵ key for 3 to confirm the entered weight.
 - ❑ This calibration number counts down from Adj 08 to Adj 00, the first calibration point has now been set.
- Move to the second calibration point.
 - ❑ The display will show the pointer “e2” flashing.
- Repeat the procedure for a second known weight. Be aware that the value of this weight has to be higher than that of the first weight. If not, the display will show ERR98 and return to the entry mode for the calibration point.
- Repeat the procedure for the third known weight. Leave calibration mode by pressing the ^ or v key until AP XX appears.
 - ❑ This number indicates the calibration sensitivity percentage, eg AP 07.
- Press the ↵ key.
 - ❑ The display now shows the value of the gravitation constant. Use the ^, v and < keys to correct this for your position.
- Press the ↵ key to return to the standard weighing mode.