


FEM MINI SCALE

WEIGHING

Before weighing

Whenever possible, please allow the scale to warm up for 30 seconds after first turning the power on so that the scale will function properly and accurately.

Error messages

EEEE: Overload
: Low battery

Calibration may be required before weighing.

Read "CALIBRATION" first and if necessary, calibrate your scale for accurate weighing.

Weighing procedures

1. Press [ON/OFF] to turn on the scale.

When power is turned on, all display segments appear on LCD for a few seconds and finally "0" will appear on the display.

2. Select the weighing unit with [UNIT].

Press [UNIT] to select a weighing unit, e.g. "g", "oz", "ozt",

"dwt".

Once the unit has been selected, the selected unit will be displayed to the weight value.

3. Start weighing

If you do not use a container for weighing,

Verify the reading is "0". If not, press [ZERO] to display "0".

Place objects on the weighing platform to weigh.

When the reading becomes stable, the stable weighing value is displayed.

If you use a container for weighing,

Place an empty container on the platform.

Wait for the stability weighing value to be displayed and press [ZERO] to display "0".

Place the objects to be weighed in the container.

When the reading becomes stable, the stable weighing value is displayed.

Counting procedures

1. Press [ON/OFF] to turn on the instrument.

Wait for "0" to appear on the display.

2. Place a given number of samples of an item on the platform.

The weight of these samples will show on the display.

3. Press and hold the [PCS] key. The display will show 100. Select the correct sample size by pressing the [UNIT] key (you can select 25, 50, 75 or 100 as the sample size). Now press the [PCS] key; the display will show "selected pcs" and is ready for parts counting. (you can now remove the samples if you want to return the scale to 0 PCS). Place the items that you want counted onto the tray; the total number of items will show on the display. Press the [UNIT] key to exit the counting function and return to normal weighing.

NOTE: the weight of unit sample > 20g.

CALIBRATION

When to calibrate

Calibration may be required when it is initially installed, if the mini scale is moved to a substantial distance.

*This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations may occur.

How to calibrate

1. Before entering calibration mode, press [ON/OFF] to turn the power on for 1 minutes.
2. **Enter calibration mode**
 - 1) Place the scale on a flat, very stable surface and turn it ON.
 - 2) Press and hold the UNIT key for 5 seconds until the display shows CAL- then release the key.
 - 3) press the UNIT key again, the display will show flash CAL and 200.0.
 - 4) Gently place the weight(s) on the scale and wait 3 seconds, the display will show "PASS". Then the display will return to 200.0.
 - 5) Now calibration is complete. Remove the weight and turn the scale Off.
3. Press [ON/OFF], turn off the power, press [ON/OFF] turn on the power again, place full weight (eg. 200g for FEM200) on the platform to make sure whether weighing is correct, if not, repeat steps 2-5.
4. **Return to weighing mode**

Press [ON/OFF] to turn the power off. Press [ON/OFF] again to turn on the power and the scale return to the weighing mode.