

Technical Details



Machinist Level, Part Number 09-0041 / 09-0149

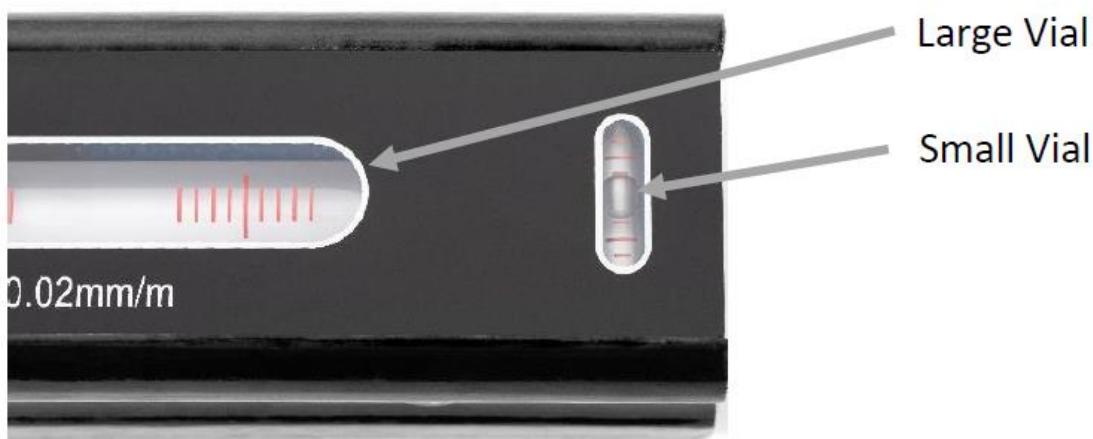
Usage

Verify accuracy of the level before each use. See “Level Accuracy Checking” section.

Warning! Keep level away from heat/cold as temperature will affect the accuracy of the level

1. Clean the base of the level.
2. Place level parallel with edge and in center of surface to level.
3. Adjust surface so the bubble in the small vial is centered
4. Adjust surface so the bubble in large vial is centered
5. Rotate level 90° and repeat steps 2 through 4. The bubble must be stationary for accurate reading.

Note: Apply preservative oil to the steel areas of the level between uses to avoid corrosion.



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Level Accuracy Checking

Warning! Surface must be sufficiently level, such that the bubble is not touching ends of vial.

1. Wipe the base of the level clean and clean the surface where the level will be placed.
2. Place the level on the surface and note the position of the bubble within the vial, relative to the observer.
3. Rotate the level 180° and note the position of the bubble again. The two readings should be within one half of a graduation line. If not, the level needs adjusting. See “Adjusting the Level” section.

Adjusting the Level

1. Remove the side cover plate farthest from the small vial.
2. Use included spanner to very slightly loosen one of the adjusting nuts, then tighten the other nut similar amount.

Note: Turning the top nut clockwise will loosen it, and turning the bottom nut counterclockwise will loosen it. Do not over tighten! No more than finger tight.

3. Check the level accuracy, see the previous section.
4. Repeat step 2 and 3. if necessary.
5. Replace the plastic, side, cover plate.

