



Automatic Level Setup Checklist

For Use with Adjustable Leg Tripod

1. With the tripod legs fully extended, mount the instrument on the tripod head.
2. Move the instrument to a convenient location, and spread the tripod legs evenly apart, keeping the tripod head nearly level.
3. Plant all three tripod legs firmly into the ground.
4. For coarse leveling, adjust the leg lengths to move the level bubble partially into the circle.
5. For fine leveling, center the bubble by adjusting the leveling screws using the left thumb rule.
6. When the level bubble is centered, turn the instrument 90 degrees and ensure that the bubble returns to the circle. If it does not, adjust the screws and recheck it. If upon rechecking it is still not level, the instrument may require maintenance.
7. Point the instrument toward your first rod reading. Use the aiming sight and the slow motion screw for fine adjustments.
8. Adjust the instrument focus on the rod using the objective focus knob.
9. Adjust the eyepiece focus by turning the ring surrounding the eyepiece. Test for parallax and adjust eyepiece and objective focus until parallax is eliminated.
10. After all measurements are complete and before removing the instrument from the tripod, return the leveling screws to their centered positions.

Left Thumb Rule

