

Turbidity Tube

Maintenance:

Always rinse out tube with clean water when testing is complete.

If the tube appears dirty inside, wash with warm water and a mild detergent.

How to measure turbidity:

- 1) Fit the two frosted ends of the tubes together with an overlap distance of approx. 0.5cm. It is not critical how far they overlap, so long as this distance is the same on each occasion the tubes are used. Do not force the tube ends together to the point where they cannot easily be separated.
- 2) The scale on the side of the tubes is an arbitrary scale, neither linear nor logarithmic. It is intended to enable users to compare the relative turbidity of water samples, either from the same area on different days, or from different samples on the same day.
- 3) Collect your water sample, being careful not to disturb the sediments on the stream bottom.
- 4) Shake the sample vigorously before examination.
- 5) Gradually pour the water sample into the water column while looking vertically down the tube. Place the tube out of direct sunlight at this stage.

- 6) Stop pouring at the point where the symbol on the bottom of the tube is just visible.
- 7) Note the reading from the scale on the side of the tube.
- 8) Pour a small amount of the water sample out of the tube and repeat steps 3 & 4 or have another person perform the procedure to verify the result.

Calibration:

There is no requirement for calibration of this turbidity tube. A sample of tubes from this production batch have been tested in the laboratory for accuracy.