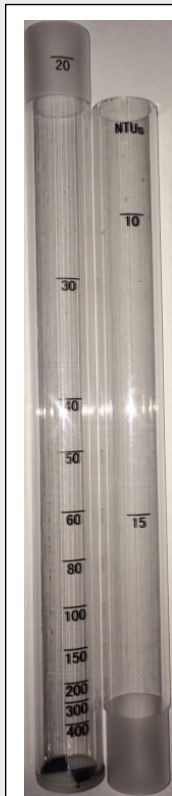




Turbidity Tube

Product Description

The turbidity tube is designed to be a simple easy to use device for measuring the clarity of water. It can be used in the laboratory as well as for field measurements.



The turbidity tube is supplied as 2 clear plastic tubes, each 30 mm in diameter x 300 mm long.

The tubes are pushed together, and a water sample is slowly added.

A measurement scale etched in black, along the sides of the tubes provide a measure of water clarity or turbidity.

Product Features

- Easy to use
- Low cost
- Suitable for field use and for laboratory use.
- Low weight - 100 gram
- Fast results
- Measuring range: 0-200 NTU

Turbidity Measurement

- Slowly pour a water sample into the turbidity tube while looking down the tube.
- Stop pouring when the dark lines on the bottom of the tubes are barely visible.
- Record the turbidity reading on the side of the tube.
- If the reading is greater than 200 NTU, the test should be repeated using a sample diluted with clean water.

Turbidity

Turbidity is used as an indicator of the total amount of material suspended in water.

Turbidity can indicate the presence of sediment that has run off from construction sites, from logging sites, mining operations, agricultural operations and industrial discharges. It is also a factor in the suitability of water for drinking and for irrigation purposes.

The more material that is suspended in water, the greater is the water's turbidity and the lower its clarity. Suspended material can be particles of clay, silt, sand, algae, micro-organisms and other substances. Turbidity affects how far light can penetrate into the water. Natural (or background) turbidity levels in waterways vary from <1 NTU in mountain streams, to hundreds of NTU during rainfall events or in naturally turbid (muddy) waters.

In some situations, the colour of water can give a false high turbidity, and if this is considered a problem, than colour should be measured separately. This is often the case where there is a high amount of organic matter such as tannins in the water.

Ordering Information

Part Number: Turbidity Tube EWI-5
Price: \$80.00
Availability: Ex-stock

Related Products:

- **Turbidity Meter**
Portable electronic device for high accuracy turbidity measurements.
Measuring range 0-1,000 NTU.

Prices are in Australian dollars, and exclude GST and freight costs. For a quote including freight costs please email us at sales@envirowarehouse.com and include the delivery address.