

INTRODUCING

OSR

TURBIDITY METER

Item Code:

OSR-TUR01



PRINCIPLE:

Turbidity is the cloudiness/haziness of a fluid caused by large numbers of individual particles that are invisible to the naked eye. The key test of water quality is measurement of turbidity.

This is an instrument for measuring concentration of suspended particles in a liquid. It measure by employing a light beam (source beam) & a light detector set to one side (often 90°) of the source beam.

TURBIDITY UNITS:

Nephelometric Turbidity Units (NTU) specified by United States Environmental Protection Agency is a special case of FTU, where a white light source & certain geometrical properties of the measurement apparatus are specified (sometimes the alternate form "nephelos turbidy units" is used).

Minimum Readout (NTU)	Measuring Range (NTU)	Intrinsic Error	Repeatability	Zero Draft	Power Supply
0.1 NTU	0-100 NTU 100-1000 NTU	±6% (±2%F.S)	<0.5%F.S	±0.5%F.S	AC220V/50Hz