

## Digital Turbidity Meter



A digital turbidimeter is an electronic device used to measure the turbidity (cloudiness or haziness) of a liquid caused by suspended particles. It works by passing a light beam through the sample and detecting the amount of scattered or absorbed light. The turbidity is typically measured in Nephelometric Turbidity Units (NTU) or Formazin Nephelometric Units (FNU).

### Key Features:

- Light Source: Uses LED or tungsten lamps.
- Detection Method: Measures scattered light at 90° (nephelometric method) or other angles.
- Digital Display: Provides precise readings and often includes data logging capabilities.
- Applications: Used in water quality testing, environmental monitoring, food and beverage industries, and laboratories.