

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.