

# Water Quality Turbidity Meters

## Hach 2100P Portable Turbidimeter

The Hach 2100P Portable Turbidimeter measures turbidity of water using microprocessor-controlled operation and patented ratio optics. It is ideal for regulatory monitoring, process control or field studies.

### FEATURES

- Meets EPA performance requirements
- **Lightweight, rugged design**  
Weighs less than one pound and comes ready to use.
- **Auto-Range or 3 manual ranges available**
- **Built-in diagnostic mode**
- **Rental units available - Call Today!**  
Try before you buy!



Hach 2100P Portable Turbidimeter Kit

### Calibration and Standardization

Calibration of the 2100P Portable Turbidimeter is based on formazin, the accepted primary standard for turbidity measurement. For convenient routine verification, Geotech supplies Gelex® Secondary Standards (metal oxide particles locked in gel) formulated to simulate formazin. When checked periodically against formazin, these secondary standards are a simple and accurate means of checking instrument calibration.

### Built-in Diagnostics

The diagnostic mode is accessible with one key stroke. This mode allows the operator to obtain information about operating parameters that can help evaluate instrument functions.

### Electronic Zero

When the READ key is pressed, the 2100P Portable Turbidimeter automatically zeros the instrument, compensating for stray light and electronic and optical offsets. No manual adjustment is required.

### Two-Year Warranty

Hach warrants the 2100P Portable Turbidimeter against defective materials or workmanship for two years from the date of purchase.

### SPECIFICATIONS

#### Ranges

automatic range mode .....0-1000 NTU  
 manual range .....0-9.99 NTU  
 manual range .....0-99.9 NTU  
 manual range .....0-1000 NTU

**Accuracy** .....±2% of reading or ±1 significant digit

**Accuracy at 500-1000 NTU**.....±3% of reading

**Repeatability** .....±1% of reading or ±0.01 NTU, which ever is greater

**Resolution** .....0.01 NTU on lowest range

**Stray light** .....£0.02 NTU

**Sample Required**.....15 mL

**Power Requirement** .....four AA alkaline batteries or optional 120 or 230V AC battery eliminator.

**Construction** .....high impact ABS plastic shell

**Dimensions** .....22.0 x 9.5 x 8.9 cm (8.75 x 3.75 x 3.5 inches)

**Shipping Weight** .....3.6 kg (8 lbs.)

**Warranty**.....Two years

Geotech Environmental Equipment, Inc.  
 2650 East 40th Avenue • Denver, Colorado 80205  
 (303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242  
[email: sales@geotechenv.com](mailto:sales@geotechenv.com) [website: www.geotechenv.com](http://www.geotechenv.com)