



FIELD ENVIRONMENTAL INSTRUMENTS, INC.

www.fieldenvironmental.com

800-393-4009



• 2100P Portable Turbidimeter •



The 2100P Portable Turbidimeter offers a level of performance previously possible only with laboratory instruments. The 2100P combines microprocessor-controlled operation and Hach's patented Ratio™ optics to bring greater accuracy, sensitivity, and reliability to field testing.

The two-detector optical system compensates for color in the sample, light fluctuation, and stray light, enabling analysts to achieve laboratory-grade performance on a wide range of samples, even under difficult, onsite conditions. The instrument meets or exceeds design and performance criteria as specified in the United States Environmental Protection Agency (USEPA) Method 180.1.

Specifications

Principle of Operation Nephelometric Ratio

Operating Modes Manual or Auto Range Selection

Measurement Mode NTU

Range 0-1000 NTU in automatic range mode.

Manual range selection

of 0-9.99, 0-99.9 and 0-1000 NTU

Accuracy $\pm 2\%$ of reading or ± 1 least significant digit from 0-500 NTU

$\pm 3\%$ of reading between 500-1000 NTU

Resolution 0.01 on lowest range

Repeatability $\pm 1\%$ of reading, or 0.01 NTU, whichever is greater

Light Source Tungsten lamp. Typical lamp life is $> 100,000$ readings.

Signal Averaging Selectable on/off.

Shipping Weight 2.7 kg (6 lb)

Warranty Two years

