asiest calibration and verification with accurate results every time.

Measuring and monitoring turbidity is crucial for various industrial and municipalapplications, and Hach's 2100Q Portable Turbidimeter provides unsurpassed ease of use and accuracy. With over 80 years of experience, Hach is a leader inturbidity measurement and has consistently developed reliable and durable instruments for customers.

The 2100Q Portable Turbidimeter is ideal for use in the field or around the plant. It is easy o carry around and take multiple measurements from various collection points in your treatment process. With its intuitive user interface, the 2100Q makes it easy to take measurements and perform calibration and verification. Storing and transferring data from a portable turbidimeter has never been easier.

There is also an optional USB+Power module for the 2100Q Portable Turbidimeter, which allows you to transfer your data directly to a computer. t

The 2100Q Portable Turbidimeter is compliant with USEPA Method 180.1 design criteria.

Benefits

Easy on-screen assisted calibration and verification

Save time and get accurate results with an easy-to-follow interface that eliminates the need for complicated manuals to perform routine calibrations. Single-standard Rapidcal™ calibration offers a simplified solution for low level measurements, while ensuring you meet reporting requirements.

Simple data transfer

Data transfer with the optional USB+Power Module is simple, flexible, and doesn't require additional software. All data can be transferred to the module in XML format and easily downloaded to your computer with a USB connection, providing superior data integrity and availability.

Accurate for rapidly settling samples

The innovative Rapidly Settling Turbidity™ mode provides accurate measurements for difficult to measure, rapidly settling samples. An exclusive algorithm that calculates turbidity based on a series of automatic readings eliminates redundant measurements and estimating.

Convenient data logging

Up to 500 measurements are automatically stored in the instrument for easy access and backup. Stored information includes: date and time, operator ID, reading mode, sample ID, sample number, units, calibration time, calibration status, error messages, and the result.

Optical system for precision in the field hutes

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 site conditions.

User-friendly interface in 23 pre-programmed languages.

Specifications

Technical Attri

Accuracy	± 2 % of reading plus stray light
Battery Requirements	4, AA
Certifications	CE certified
Compliance Certifications	CE/WEEE
Data Logging	500 records
Dimensions (H x W x D)	77 mm x 107 mm x 229 mm
Display Size	240 x 160 pixels
Display Type	Graphic LCD
Enclosure Rating	IP67
Interface	No USB and Power Cord
Light Source	Tungsten Filament Lamp
Manual Languages	English, French, German, Italian, Spanish, Portuguese (BR), Portuguese (PT), Bulgarian, Chinese, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Slovenian, Swedish, Turkish
Max. operating humidity	90
Measurement Method	Ratio turbidimetric determination using a primary nephelometric light scatter signal (90°) and transmitted light scatter signal
Measurement Modes	Normal (Push to Read), Signal Averaging, Rapidly Settling Turbidity
Operating Temperature Range	0 - 50 °C
Power Requirements	100 - 240 V AC / 50/60 Hz (with optional Power or USB+Power module)
Power Requirements (Hz)	50/60 Hz
Power Requirements (Voltage)	100 - 240 VAC
Power Supply	Batteries (see Battery Requirements) or Optional Power Supply
Range	0 - 1000
Range 2	NTU
Reading Modes	Normal (Push to Read) Signal Averaging Rapidly Setting Turbidity
Regulatory	EPA Method 180.1
Repeatability	± 1 % of reading or 0.01 NTU , whichever is greater
Response Time	6 s in normal reading mode
Sample Cell Compatibility	25 mm x 60 mm round
Sample Volume	15 mL
Signal Averaging	Selectable on/off
Source Lamp	Tungsten filament lamp
Storage Conditions	-40 °C to 60 °C
Stray Light	< 0.02 NTU
Units	NTU
User Interface	Button Graphic User Interface
User Interface Languages	English, French, German, Italian, Spanish, Portuguese (BR), Portuguese (PT), Bulgarian, Chinese, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Slovenian, Swedish, Turkish
Warranty	12 months
Weight	0.53 kg without batteries
What's included?	Instrument, case assembly, 4 AA alkaline batteries, 6 sample cells, Stablcal ampule kit, silicone oil, oiling cloth, manual.