

2100Q & 2100Q IS Portable Turbidimeters



Easiest calibration and verification with accurate results every time.

The Hach 2100Q and 2100Q IS Portable Turbidimeters offer unsurpassed ease of use and accuracy in turbidity measurement. Only Hach offers this combination of advanced features including assisted calibration, simplified data transfer, and innovative measurement techniques that give you accurate results every time.

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

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.

Order Information

2100Q01	2100Q Portable Turbidimeter (EPA), 0-1000 NTU
2100QIS01	2100Q IS Portable Turbidimeter (LED), 0-1000 FNU
2100Q01USB	2100Q Portable Turbidimeter Kit (EPA), 0-1000 NTU, with USB and Power Module
2100QIS01USB	2100Q IS Portable Turbidimeter (LED), 0-1000 FNU, with USB and Power Module

Hach 2100Q portable turbidimeters are supplied with four AA alkaline batteries, a carrying case with insert, Stablcal primary calibration standards in 1" sealed vials (20, 100, 800 NTU), 10 NTU primary verification standard, 6 sample cells with screw-tops, instrument manual (printed), quick start guide, silicone oil and oiling cloth.

Optional Accessories

LZV813.99.00002	USB + Power Module for 2100Q/2100Q IS & DR1900
LZV804.99.00002	Power Module for 2100Q/2100Q IS and DR1900
2971304	Battery, NiMH AA, pk/4
4397500	Sample Degassing Kit
2971210	Stablcal® Turbidity Standards Calibration Set, 2100Q Portable Turbidimeter, 100 mL bottles

2971200	Stablcal® Turbidity Standards Calibration Kit, 2100Q Portable Turbidimeter, 500 mL bottles
2464105	Gelex Secondary Standards Kit, 2100 Series Portable Turbidimeters

Replacement Parts

2971205	Stablcal® Turbidity Standards Calibration Kit, 2100Q/QIS Portable Turbidimeter, Sealed Vials
2961701	Stablcal® Verification Standard for 2100Q 10 NTU
126936	Silicone Oil, 15 mL SCDB
4707600	Sample Cell Oiling Cloth
2971500	2100Q Carrying Case
2971507	Insert, Molded Bottom, 2100Q Carrying Case
2434706	Portable Turbidimeter Sample Cells, pack of 6
4653900	Replacement lamp assembly for 2100 Series Portable Turbidimeters
1938004	Battery, AA, 1.5 VDC, Alkaline, pk/4
2697942	Stablcal® Turbidity Standard, 0.30 NTU, 100 mL
2698042	Stablcal® Turbidity Standard, 0.50 NTU, 100 mL

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