



### Hach 2100Q Portable Turbidimeters

- Portable meter with laboratory-level performance
- Datalog and download up to 500 measurements
- Rapidly Settling Turbidity™ mode gives accurate measurements in difficult samples

This next-generation Hach 2100Q portable turbidimeter improves upon the previous Hach 2100P model. The 2100Q features a level of performance normally associated with laboratory instruments. It uses a two-detector optical system to compensate for color in the sample, light fluctuation and stray light—ensuring reliable, accurate performance under a wide range of on-site conditions.

The text-based on-screen instructions for calibration and verification are remarkably easy to follow. The unique Rapidly Settling Turbidity (RST) mode provides much more accurate, repeatable measurements for rapidly settling samples than manual curve smoothing or averaging multiple measurements of the same sample. It uses an exclusive algorithm that reverse calculates and continuously updates the turbidity value until an end point is determined.

The 2100Q logs up to 500 data points along with date/time stamp, operator ID, measurement mode, sample ID, sample number units, calibration time, calibration status and any error messages. This rugged IP67-rated instrument is battery powered for field use. Or order an optional universal power adapter for line power.

**Includes:** six sample cells, StablCal primary calibration standards in 1" sealed vials (20, 100 and 800 NTU), 10 NTU primary verification standard, CD and hard copy of manual, quick-start guide, silicone oil, oiling cloth, four AA batteries and a hard-sided carrying case.



- Range:** 0 to 1000 NTU
- Resolution:** 0.01 NTU on lowest range
- Accuracy:** ±2% of reading or ±1 LSD to 499 NTU; ±3% from 500 to 1000 NTU
- Sample size:** 15 mL

MFR #	DESCRIPTION	STOCK #	EACH
2100Q-1	2100Q Portable Turbidimeter	32841	\$
<b>OPTIONAL ACCESSORIES</b>			
LZV804.99.0002	Universal Power Adapter	32843	\$
LZV813.99.0002	Power Adapter and USB	32842	
2971304	Rechargeable Battery, NiMH AA, Pack of 4	32844	
4397500	Degassing Kit	32292	
4397510	Sample Filtration and Degassing Kit	32293	
2971210	StablCal 100-mL Calibration Kit, 2100Q	32845	
2971200	StablCal 500-mL Calibration Kit, 2100Q	32846	
2464105	Gelex Secondary Standard Set	77317	

<b>REPLACEMENT ITEMS</b>			
2971205	StablCal Ampule Calibration Kit, 2100Q	32847	\$
2961701	10 NTU Verification Standard	32848	
126936	Silicone Oil, 15 mL	32291	
4707600	Sample Cell Oiling Cloth	32294	
2971507	Insert, Molded Bottom, 2100Q	32849	
2434706	1" Glass Sample Cell with Cap, Pack of 6	32297	
2971500	Hard Side Carrying Case for 2100Q	33797	
4653900	Lamp Assembly	33798	
—	Duracell® Coppertop Batteries, AA, Pack of 8	63187	
—	Rayovac® Ultra Pro Alkaline Batteries, AA, Pack of 24	13430	

### HF scientific M100+™ Laboratory Turbidimeters

- Affordable, high-performance benchtop meter
- Multiple functions available from intuitive touchscreen

Ideal for routine analytical measurements and research, the M100+ makes it easy to verify operation of online turbidimeters like the MTOL+. It features a color touchscreen interface for fast access to settings, data and calibration functions. The Trend function lets you see your data over time graphed on the screen. Features such as a calibration reminder simplify maintenance.

Meter offers resolution of up to 0.0001 NTU at low turbidity readings and an extended range up to 4000 NTU. Log up to 100 points per sample ID. A USB port lets you download logged data and update firmware.

**Includes:** two sample cells with caps, ProCal primary calibration kit, quick-start guide, flash drive with complete user manual, power supply with ferrite (to eliminate EMI interference). 1-year warranty.

- Range:** 0 to 4000 NTU
- Accuracy:** ±2% of reading or ±0.02 NTU below 40 NTU, whichever is greater; ±5% of reading above 40 NTU
- Resolution:** selectable up to 0.0001 NTU
- Sample size:** 30 mL
- Memory function:** 100 data sets per sample ID

DESCRIPTION	STOCK #	EACH	EPA COMPLIANT
M100+ Benchtop Turbidimeter	87951	\$	
<b>REPLACEMENT ITEMS</b>			
ProCal Primary Calibration Kit (0.02, 10, 1000 NTU)	41285	\$	
Sample Cells, Pack of 3	41323		
Lamp Module	41288		

### We also RECOMMEND...

#### KIMTECH SCIENCE® KIMWIPES® Delicate Task Wipers

Soft, absorbent, extra-low lint, nonabrasive wipers will not scratch delicate surfaces. For greater absorbency. Kimberly-Clark.



MFR #	SIZE	WIPES/ BOX	STOCK #	BOX	BOXES/ CASE	STOCK #	CASE
<b>1-PLY</b>							
34155	4.4" x 8.4"	280	36989	\$	60	12099	\$
34133	11.8" x 11.8"	196	36979		15	12098	
34256	14.7" x 16.6"	140	35694		15	86363	
<b>2-PLY</b>							
34705	11.8" x 11.8"	119	86360	\$	15	86364	\$
34721	14.7" x 16.6"	90	86361		15	86365	
<b>3-PLY</b>							
34743	11.8" x 11.8"	119	86362	\$	15	86366	\$