

Eno Scientific Well Sounder 2010 PRO Water Level Meters

- Sonic sound waves offer high-accuracy readings—even in crooked wells or around pump obstructions
- Log depth and temperature readings specific to each well location

The Well Sounder 2010 PRO uses sound wave pulses to determine the distance from the top of the well down to the water level. This eliminates the need for lowering anything into the well, preventing well contamination and cleanup. Sound pulses work effectively, even in crooked wells and around obstructions such as pump wiring and piping that block up to 90% of the well opening.

Meter takes readings up to 2000 feet deep in wells up to 18" in diameter. Simply place the temperature-compensated probe into a cap vent opening, and turn the unit on—static water level measurement is displayed in just seconds! View additional readings with the a press of a button via the simple user interface. Powerful internal processor calculates the well's total water (gallons), rate of change (gpm), temperature and more. Achieve high-accuracy readings by adjusting menu settings like well methane concentration, which can affect speed of sound.



Measure right at the well cap!

Internal data logger records up to 25 million time-stamped depth readings, complete with temperature data and more. All information is tagged with a unique well location ID number for easy sorting. Transfer data to any Windows® computer using the included USB cable—no special software needed. RS-232 serial port allows you the option of full-time, two-way communication and data retrieval. For applications requiring analog 0-5 VDC and 4-20 mA outputs, order an analog output adapter (stock # 13789) and splitter (stock # 13783).

Well Sounder 2010 PRO with flowmeter kits

let you to measure both level and flow. They're ideal for unsupervised drawdown applications. Kits feature an external flowmeter that works with the Well Sounder 2010 PRO to calculate and log flow rates, total water pumped and recovery rate values while pumping.



Optional flow sensor available to perform drawdown testing.

All Well Sounder 2010 PRO meters include: remote probe with 70' L cable, USB cable, six AA batteries, manuals and heavy-duty carrying case. **Flowmeter kits also include:** paddlewheel flow sensor, accessory splitter, three tee housings (1, 1½ and 2"), and three housing plugs. AC power adapter and DC power adapter cable are available for wiring units to solar panels or other 12-VDC power sources (sold separately).

Note: To add a flowmeter to your existing Well Sounder 2010 PRO, order a paddlewheel flow sensor, accessory splitter adapter, breakout adapter, tee housing and tee plug.

MFR #	DESCRIPTION	STOCK #	EACH
WS2010	Well Sounder 2010 PRO	13782	\$
WS2100	Well Sounder 2010 PRO with Flowmeter Kit	13171	

REPLACEMENT ITEMS & ACCESSORIES

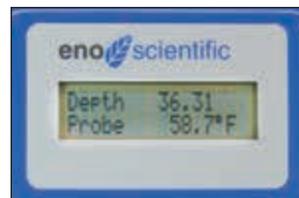
5300	Power Adapter, 120 VAC (Plug In)	13786	\$
5302	Power Adapter Cable, 12 VDC w/ Push-On Terminals	13787	
5201-10	Probe Extension Cable, 10'L	13784	
5220	Accessory Splitter	13783*	
—	Breakout Adapter (Requires Stock # 13783)	13788	
—	Analog Output Adapter (Requires Stock # 13783)	13789	
—	Repl. Rayovac® Ultra Pro Alkaline Batteries, AA, 24/Pk	13430	

FLOW SENSOR COMPONENTS

5421	Paddlewheel Flow Sensor	13172*	\$
5425	Plug for Tee & Saddle Housings	13173*	
5431	1" Tee Housing	13174*	
5433	1½" Tee Housing	13175*	
5434	2" Tee Housing	13176*	
5436	3" Tee Housing (2-Piece Saddle)	13177	
5437	4" Tee Housing (2-Piece Saddle)	13178	
5438	6" Tee Housing (2-Piece Saddle)	13179	

* Included with the Well Sounder 2010 PRO w/ Flowmeter Kit (stock # 13171).

Measure well depth without inserting a probe or tape into the water!

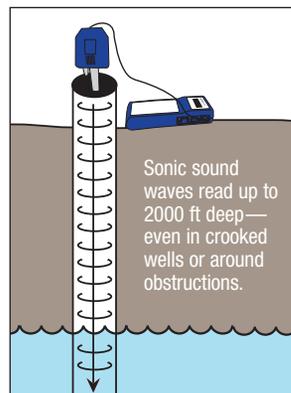


Get clear well depth readings in seconds.



Sensor and accessory connections are easy to access.

Range:	9 to 2000' (in wells up to 18" in diameter)
Accuracy:	±0.1'
Resolution:	0.05'
Update time:	~1 sec @ 500', ~4 sec @ 2000'
Data storage:	25 million points, nonvolatile flash memory
Sample interval:	1 sec to 60 min, or by key press
Sensor:	acoustic remote probe with built-in temperature compensation
Power	
Internal:	6 AA alkaline batteries (included); real-time clock; replaceable coin cell battery (included)
External:	Optional 120 VAC and 6.5-12 VDC adapters available; not to exceed 16 VDC
Battery life:	up to 80 hours continuous; 21 days in power save mode
Operating temp.:	-10 to 110°F (-20 to 45°C)
Outputs (optional):	0-5 VDC and 4-20 mA with available adapters
Communication:	9-pin RS-232 serial port, bidirectional; USB port for file data transfer
Dimensions	
Meter:	3½"W x 7½"H x 1½"D
Probe:	6"L x 3"W x 3"D; probe tip: 5/8" Dia



Sonic sound waves read up to 2000 ft deep—even in crooked wells or around obstructions.

For best results in wells over 8" in diameter, we recommend placing a sounding tube inside the well. This can be a simple ¾" or 1" OD pipe that reaches to the water depth.

operator notes