



Portable Water Level Logging System shown with the Vibrating Wire Piezometer outside of its side holster.



Close-up of cable markings indicating 1m interval.



PRODUCT CATEGORY:  
ENVIRONMENTAL

## Portable Water Level Logger

The RST Portable Water Level Logger combines the excellent long-term accuracy and stability of our Vibrating Wire Piezometers with the easy-to-use Single Channel Vibrating Wire Data Logger. This versatile unit utilizes a strong and light weight reel with \*Kevlar® reinforced cable marked at customer specified intervals, allowing it to be used at varying depths from hole to hole and site to site.

### > APPLICATIONS

Hole to hole water level readings

### > FEATURES

Portable.	Marked intervals on cable.
Easy to use.	USB connection for communication.
Rugged reel design with side holster for sensor.	Over 600,000 records including time, frequency <sup>2</sup> , and temperature.
Simple power requirements of a single lithium 'D' cell battery.	

### > BENEFITS

- ✓ High Accuracy
- ✓ High Reliability

### SPECIFICATIONS

ITEM	SPECIFICATION
<b>VIBRATING WIRE PIEZOMETER</b>	
Over Range	2 X F.S.
Resolution	0.025% F.S. minimum
Accuracy	0.1% F.S.
Operating Temperature	-20°C to 80°C
Housing	Hermetically sealed stainless steel
Thermistor Resolution	0.1°C
Filter	50 micron sintered filter
<b>SINGLE CHANNEL VIBRATING WIRE DATA LOGGER</b>	
Frequency Accuracy	0.01% F.S.
Resolution	1 part in 65,000
Memory	Over 600,000 records including: time, frequency <sup>2</sup> , temperature
Power Source	Lithium 'D' cell battery
Battery Life	Over 7 years / 4 memory fills depending on temperature and use
Communication	USB Type B connector (radio optional)
Dimensions	185 x 75 x 55 mm (7.28 x 2.95 x 2.17 in.)
Temperature Range	-40°C to 60°C (-40° to 140°F)
Enclosure	NEMA 4X (IP65)

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