



Portable Water Level Logger



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



Close-up of cable markings indicating every 1m interval.

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.

specifications

ITEM	DESCRIPTION
VIBRATING WIRE PIEZOMETER	
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
SINGLE CHANNEL VIBRATING WIRE DATALOGGER	
Frequency Accuracy	0.01% F.S.
Resolution	1 part in 65,000
Memory	Over 600,000 records including: time, frequency ² , 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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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, frequency², temperature.

Simple power requirements of a single lithium 'D' cell battery.