Model 4001 Solinst Readout Unit (SRU)

The Solinst SRU is a convenient and simple field data collection device, compatible with Solinst Dataloggers.

The following three questions summarize basic information on this new product so you can quickly answer key questions from your clients.

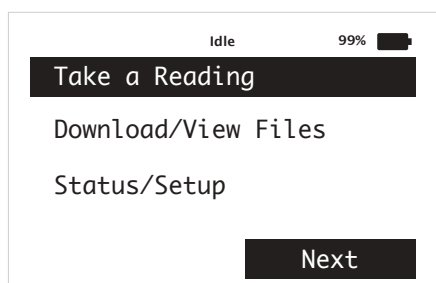## ① What are the main functions/ menus of the SRU?

A: Take a Reading – view instant readings from the datalogger, and start and save a real-time logging session. The SRU's internal barometer can be turned on or off to provide barometric compensation of the water level readings. Real-time readings are independent of the logging that has been programmed into the datalogger previously and will not interfere with those data sets. Real-time logging is ideal for collecting aquifer test data from pump and slug tests.

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B: Download/View Files – download and save the data from a connected datalogger's current internal logging session. The SRU has a robust flash memory that can store up to 20 full LTC logs or 18 full LT logs (~1.8 million LTC logs or 2.7 million LT Logs). A USB-C to USB cable is provided to connect the SRU to a PC for downloading collected data using Levelogger Software.

C: Status/Setup – view information about the SRU and the connected datalogger including battery level, memory, serial number, firmware version and logging mode. In this menu, you can also adjust the contrast of the LCD screen to optimize visibility in the field.

Idle	99% ▮
Take a Reading	
Download/View Files	
Status/Setup	
	Next

2 Which dataloggers are compatible with the SRU and how are they connected?

The built-in SRU datalogger interface cable connects to a Leveloggers's (Edge or 5 Series) Direct Read Cable, LevelVent Wellhead or AquaVent Wellhead Connector Cable.
An L5 Threaded or Slip Fit Adaptor can also be used to connect the SRU cable to a Levelogger.

SRU Connected to Levelogger Direct Read Cable or LevelVent Wellhead

SRU Connected to Levelogger using L5 Slip Fit Adaptor

3 How does the SRU compare with the DataGrabber 5 and Levelogger 5 App Interface?

The SRU does not have the wireless connection option of the App Interface, and it is not possible to program the connected dataloggers using the SRU.
It does collect data just like the DataGrabber, allowing the transfer of data files to a PC. The SRU has a few features in common with the DataGrabber: it is firmware upgradeable, battery powered with a 9V battery, and can not interfere with the programming of the operating dataloggers.
The SRU has a built-in barometer allowing for the viewing and collection of immediately compensated real-time data, which is not an option with any other portable Solinst Data Transfer device.

DataGrabber 5   Levelogger 5 App Interface

Features	Solinst Portable Data Transfer Options		
	DataGrabber 5	SRU	Levelogger 5 App Interface
Retrieves Data	●	●	●
Clears Datalogger Memory			●
Compatible with all Solinst Dataloggers	●	●	●
Allows Programming of the Datalogger			●
Shows Real-Time Data		●	●
Built-In Barometric Compensation		●	
One-Button Operation	●		●
3-Year Warranty	●	●	●

Note: The SRU is compatible with Solinst 5 and Edge Series dataloggers. See the Hardware Compatibility Matrix for more information: https://www.solinst.com/products/data/3001compatibility.pdf

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