

ADVANCED PORTABLE LOGGING EQUIPMENT

Geologger GWS3i



Geologger GWS3i
(Model-3633)



GW combination probe
(Model-3493)

<Abstract>

Geologger GWS3i is the latest logger and operation system for efficient ground water development. User friendly system enables users to check the data on the 10.1 inch Panasonic tablet. It's based on the Windows 10 and providing you with high performance for the underground water survey. Measured data is converted as CSV format and available to be transmitted from the tablet easily. A thermal printer is available as an option, and it enables users to print out obtained data at a site.

GW combination probe (model-3493) is available to connect to Geologger-GWS3i.

<Feature>

- Borehole logging function for ground water development (16", 64" normal resistivity, Natural gamma, SP).
- Very Compact, light in weight and low power consumption.
- Real-time measuring data is showing on LCD color display on touch panel.
- USB memory stick is available to retrieve data.

<Typical use>

- Ground water development
Very useful to identify permeable layer (gravel, sandstone, etc.) and impermeable layer (clay, shale, etc.).

<Specifications>

Probe

Electric Resistivity Logging

Electrode Spacing : 16 inch, 64 inch
 Measuring Range
 Normal : 0Ω to 20KΩm
 SP : +/- 2000mV
 Transmitting Current : 1, 2, 20, 60mA, Auto range
 Cycle Time : 20Hz

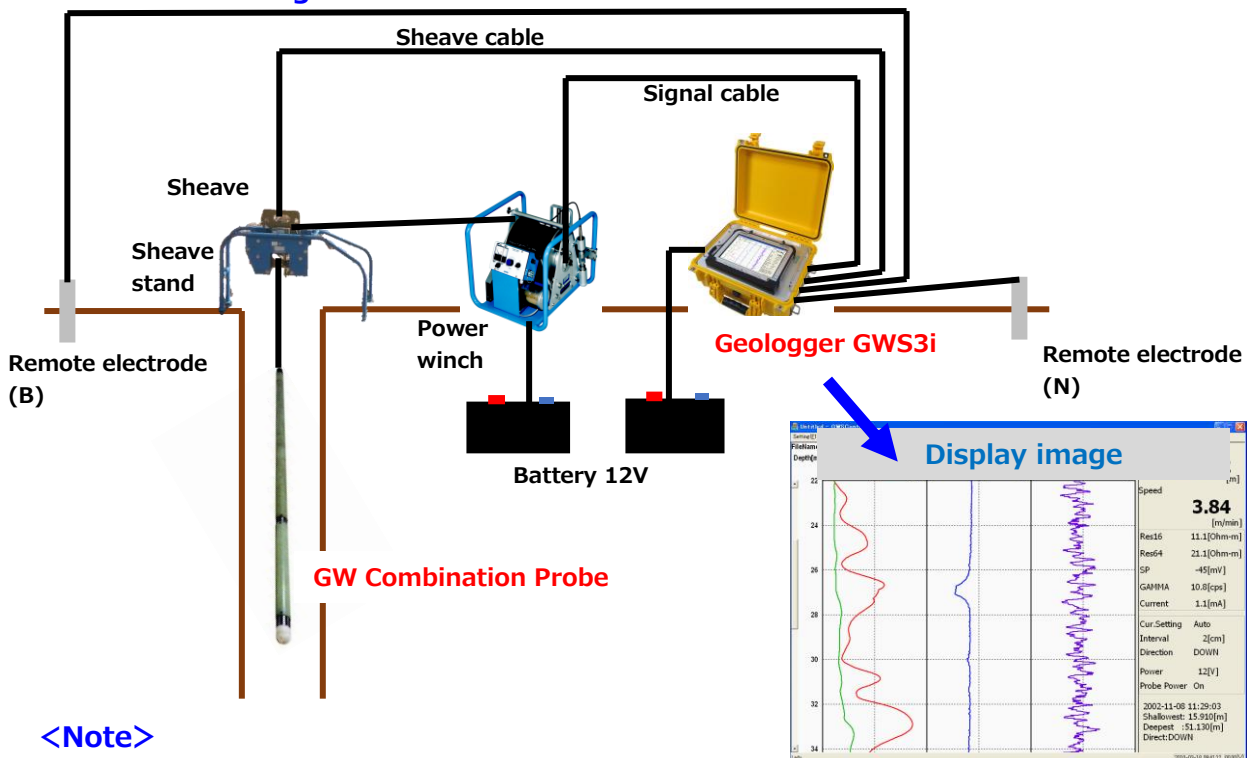
Natural gamma

Measuring Range : 0 to 20 Kcps
 Input pulse : Negative
 Discriminating level : 100 keV, fixed
 (in the probe)

System

CPU : Intel Core i5 2.4 GHz
 OS : Windows10 Professional 64 bit
 System memory : 4 GB
 Data format : CSV format
 Display : 10.1 inch Touch Panel with IPS Liquid Crystal Display
 (1920 x 1200 pixels)
 Internal memory : SSD 128 GB
 Interface : USD 2.0 x 1 port
 Power : DC 12.0 V
 Operating temperature : -5 to +45°C
 Dimension (mm) : 420 (W) x 175 (H) x 335 (D)

<Connection image>



<Note>

- ✓ The borehole is necessary to be filled with water when measuring.
- ✓ Resistivity and SP are not measured correctly when there is a casing in a borehole.