

VW display logger



[Display logger and water level sensor]

Applications

The VW display logger can be displayed at any time in engineering units such as water level, inclination, crack, water pressure, strain, load and so on by connecting a 1 channel vibrating wire sensor. It can also be checked and saved the data as needed. Especially useful for displaying the water level at the dam site at all time.

Description

Model **ACE-1100D** adds engineering unit display capability to the data storage function to display the current engineering unit on a large LCD screen.

On the LCD display, you can select continuous display or data storage by pressing the function selection switch. When the LCD turns off it automatically switches to data storage mode and data is not saved when you select the always LCD display. It can be used 2ea of D-size batteries (3VDC) or a regular power adaptor (3VDC) for power.

Using the two formula of the dedicated PC software (A1100DPro), the user can display on the LCD as calculation value and engineering units, so the utilization is very wise.



[Measurement of earth pressure]



[Measurement of crack]



[Connecting inclinometer]



[Connecting strain gage]

Specification

Model	ACE-1100D	
Applied sensor	Vibrating wire sensor	
Frequency range	450~6,000Hz	
Resolution	0.1Hz	
Accuracy	0.02% FSR	
Operating temperature	-40~60°C	
Communication port	RS-232 port	
Data capacity	32,000 data point	
Storage unit	Frequency	Hz
	Temp.	Thermistor (3k Ω) / °C
Data memory	Memory	512 K
	Speed	1,000 analog/sec
	Time accuracy	0.001% (1 min/month)
	Time format	Year, month, day, hour, minute, second
	Data array	Function of data array Recording adjust
Display	16×2 Character LCD (Large size)	
Power	① 3 VDC SMPS Adaptor ② 3 VDC(2xD size) Alkaline Battery (Possible to measure for 6 months)	
Dimensions	200×150×100mm	
Weight	1.2kg	
Case	ABS case	
Accessories	RS-232 Cable, alkaline Battery 2EA, 3VDC SMPS adaptor	

Functions

- Continuous data storage (32,000 Point)
- Select always data display function or temporary display function
- Engineering unit data can be displayed

Features

- The output value of the vibrating wire sensor can be checked in the field during data storage
- Continuous power supply is possible and it can use as always displayer
- About 6 months continuous use by alkaline battery (3VDC)
- Input conversion factor through PC software
- High accuracy, high resolution