

VW mini loggers



Description

Model ACE-1100 mini logger connects to one VW sensor and **model ACE-1104 mini logger** can connect four VW sensors. These items automatically measure it with high precision and low cost.

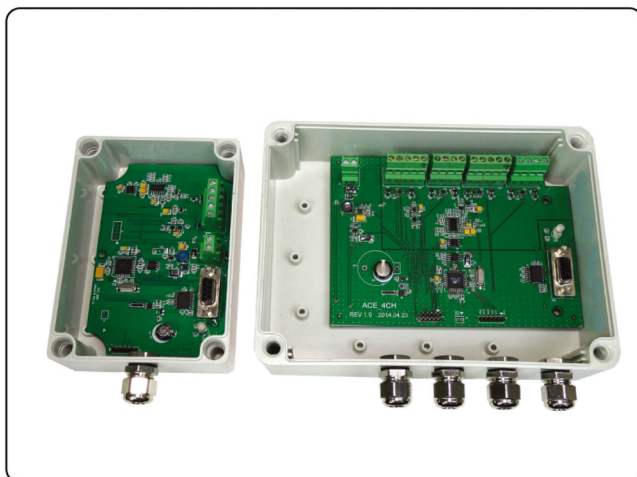
This logger is convenient to get data everyday from agricultural underground measuring to safety check at construction work by unmanned operation, connecting few VW displacement sensors, VW piezometer or VW strain gage every day. It's more useful to install this logger on putting sensor without wires when arranging few measurement tools on slugs and needing a lot of data.

It also clears some problems from arranging in long distance at large scaled working sites to operate unmanned so completes wiring data acquisition system.

The ACE-1100 it can save 6,000 of measured values, and the data can be transmitting by computer and RS-232 communication.

It has data arrangement function, which selects any frequency signals (Hz) and temperature unit (RTD 2k Ω , thermistor 3k Ω) Any beginners easily control it.

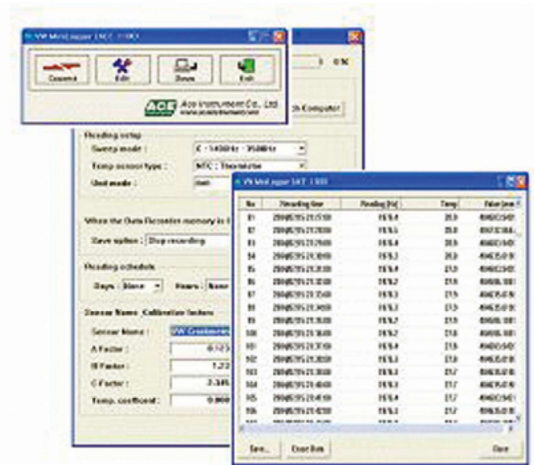
It has high precision and reliability. The alkaline battery measures for 6 months and in all weather conditions.



[Open view]

Features

- User-friendly software
- Repeated use by time format at other arranging spots
- Most suitable for agricultural survey, safety check or operating few measurement tools
- Reasonably low cost by contrast with the wiring data acquisition system
- Battery is available for 6 months without change
- Working in all weather conditions from the wide range of working temperature



[ACE1100 Pro operation software]

Specification

Model	ACE-1100(1ch)	ACE-1104(4ch)
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	6,000 data point	32,000 data point
Selection units	Frequency unit	Hz
	Temp. unit	Thermistor (3k Ω) / RTD(2k Ω) only ACE-1100
Data memory	Memory	128 K(1ch), 512 K(4ch)
	Speed	1,000 analog/sec
	Time accuracy	0.001% (1 min/month)
	Time format	Year, month, day, hour, minute, second
	Data array	Recording adjust
Power	3 VDC alkaline battery (Possible to measure for 6 months)	
Dimensions	140×100×55mm	200×150×75mm
Weight	0.6kg	0.8kg
Case	Nylon, glassfiber	ABS
Accessories	RS-232 cable/2EA C alkaline battery	RS-232 cable/2EA D alkaline battery