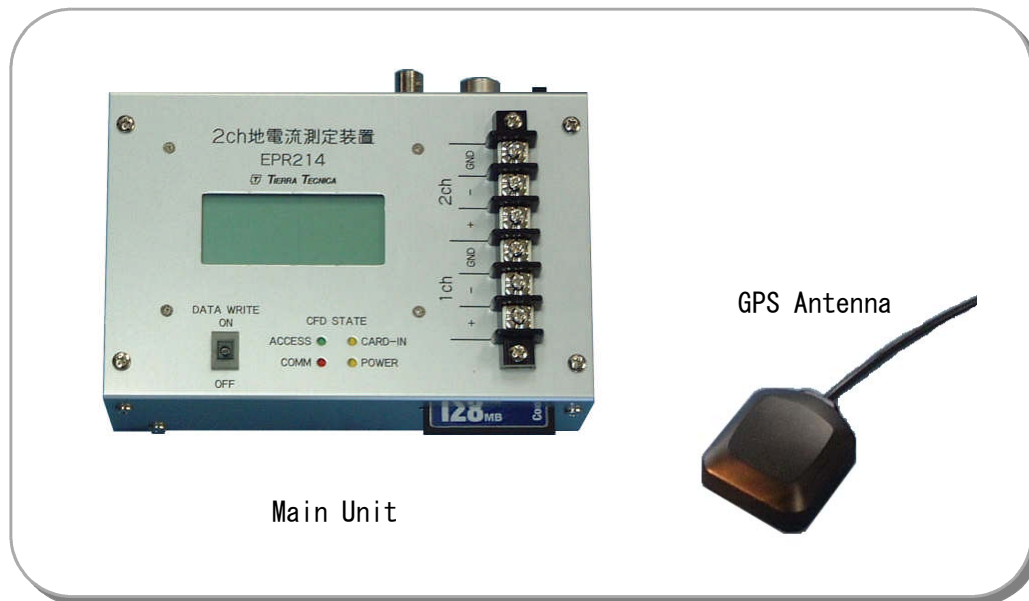


2 Channel Electric Potential Meter 【EPR-214B】



【SUMMARY】

This Equipment measures a voltage between two grounded points on the earth as an Electric potential. It has 2 channel so that two directional voltages correspond to geomagnetic field variations are measured. Measured voltages are converted by 24 bit AD-converter to digital value then stored in compact flash memory cards. The base clock is generated by GPS, it can keep the accurate time stamp.

【SPECIFICATIONS】

Number of Input Channel	2 Channel	Stored Media	Compact Flash Memory
Input Resistance	100M Ω	Stored Capacity	2Gbyte max
Input Range	$\pm 2V$	Record Interval	1 second
Equivalent Input Noise	0.4 μ Vp-p (0.1 ~ 10Hz)	Maximum Record term	29 days / 128M card
Temperature Drift	0.6 μ V/ $^{\circ}C$	Interface	RS232C
Frequency Responce (Analogue)	DC ~ 3Hz(-3dB)	Power	DC10 ~ 14V
AD Converter	24bits	Power Consumption	0.3A
Resolution	0.2 μ V	Dimension	155W \times 115H \times 60D
Sampling Speed	128Hz	Weight	0.5kg
Operating Temperature Range	0 ~ 50 $^{\circ}C$		
Clock	GPS	Accessories	[GPS Antenna] , [Power Cable] [2G Compact Flash Memory]

※ Specifications subject to change without notice.