

1ch Mobile ACM Data Logger SACM-311E-NS Specifications

【Overview】

An auto-range non-resistance ammeter that is ideal for measuring ultra-low current in ACM sensors. Corrosion rate, wetting time, and amount of sea salt adhesion can be determined by analyzing ACM data. This logger has an externally attached temperature and humidity sensor and can also measure the temperature and humidity to calculate the amount of sea salt adhesion. The data is stored in the microSD card, and it can be extracted and read on a PC, etc.

【Structure/Appearance】



It is the lightest and most compact logger among our products and is ideal for measurements in limited spaces. Since it is powered by a built-in battery, it does not require an external power supply, enabling measurement in a variety of environments. The ACM sensor cable and logger use one-touch connectors for easy connection. Since this unit has a waterproof case, it can be used outdoors.

【Specifications】

Number of Measurement Channels	ACM Sensor:1 Temperature-Humidity Sensor:1
ACM Sensor Output Measurement Range	0.01nA~1mA
Temperature and Humidity Measurement Range	0%~100% -50%~100% (Can record to 1 decimal place)
Measurement Interval	Start Measurement with Power SW on. Measurement Interval is 10mins.
Battery	2 AA Lithium Batteries (Non-rechargeable)
Data Storage	microSD (Up to 32GB)
Weight	Approximately 150g (Excluding Batteries)
Size	35mm (W) × 75mm (D) × 100mm (H) (Excluding Protrusion and Cable)

【Equipment Set Sample】

SACM-311E-NS (main body)



microSD card



AA Lithium Battery



ACM Sensor



Temperature-Humidity
Sensor



○Separated Purchase Required

2 AA Lithium Batteries per unit, microSD Card

※It is recommended to purchase the specified product for compatibility with the equipment

○Type of Sensor

ACM Sensor, Temperature-Humidity Sensor

※Waterproof Connector is required