

Laboratory Experiment ACM Data Logger SACM-50F Specifications

【Overview】

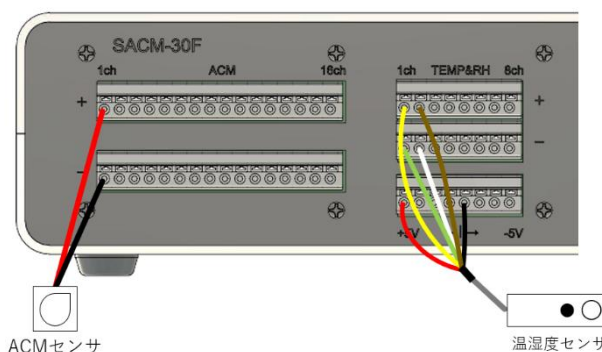
This logger can measure ACM sensor currents from very low to high with an auto-ranging non-resistive ammeter, and by analyzing ACM data, corrosion rate, wetting time, and sea salt deposition can be determined. Temperature and humidity data can also be measured to calculate sea salt deposition. A PC monitor can be connected to this unit to check output values and graph variations over time.

Up to 16 ACM sensors and 4 temperature/humidity sensors can be connected per unit. Data is stored in USB and can be extracted and read by a PC or other device.

【Structure/Appearance】



Enlarged View of Sensor Connection (SACM-50F)



※Different Colors Also Available

The LCD allows the user to set the time, change the measurement interval, and check the measured values.

【Specifications】

Number of Measurement Channels	ACM Sensor: max. 16 Temperature: 4 Humidity: 4
ACM Sensor Measurement	Range: 0.001nA (1pA) ~100mA
LCD Display	2 lines, 16 columns (No backlight)
Data Acquisition and Format	10 mins interval (Adjustment possible) Text Format (Readable by spreadsheet software, etc.)
Data Storage	Industrial USB memory
Power Supply	50W class AC adapter
Size	320 mm (W) x 240 mm (D) x 90 mm (H)

【Accessories】

Monitor Cable

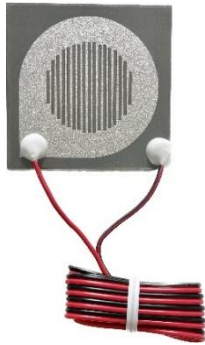


Wireless Keyboard and Mouse



【Items purchased separately】

ACM Sensor



Temperature Humidity Sensor



AC Adaptor



Industrial USB memory



Monitor

