

# Multi-Channel ACM Data Logger SACM-30F Specifications

## 【Overview】

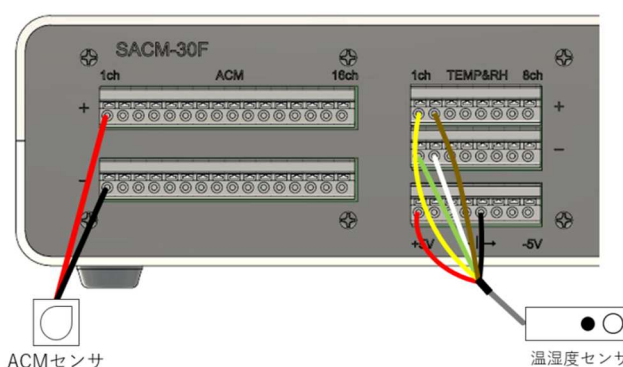
This logger can be used to measure ACM sensors from very low to high currents with an auto-ranging non-resistive ammeter. ACM data can be analyzed to determine corrosion rate, wetting time, and sea salt deposition. Temperature and humidity data can also be measured to calculate sea salt deposition.

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

## 【SACM-30F Structure/Appearance】



Enlarged View of Sensor Connection  
(SACM-30F)



※Different Colors Also Available

The LCD allows the user to set the time, change the measurement interval, and check the measured values. For outdoor use, please use the waterproof box (sold separately).

If an external power supply is available, use an AC adapter. If no external power source is available, the unit can be powered by a 12V battery, which allows for longer monitoring periods when combined with a photovoltaic power generation system.

## 【Specifications】

Number of Measurement Channels	ACM Sensor:16 channels; Temperature Humidity Sensor :4 channels
ACM Sensor Measurement	Range:10nA、100nA、1uA、10uA、100uA、1mA、10mA、100mA Auto switching (with noise reduction filter)
LCD	2 lines, 16 columns (without backlight)
Data Acquisition and Format	10-minute intervals, text format (can be read by spreadsheet software, etc.)
Data Storage	Compact Flash for Industrial Use (Up to 2 GB)
Power Supply and Logger Weight	DC9~12V ; Approximately 3.2kg
External Dimensions	320 mm (W) x 240 mm (D) x 90 mm (H) (excluding protrusions and cables)

**【Equipment Set Sample】**

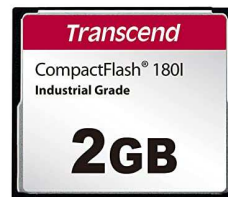
SACM-30F (Main Unit)



AC Adaptor



Compact Flash



ACM Sensor



Temperature Humidity  
Sensor



○Separated Purchase Required

AC Adaptor , Compact Flash

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

○Type of Sensor

ACM Sensor Temperature and Humidity Sensor