

Measurement of corrosive environment required by standards

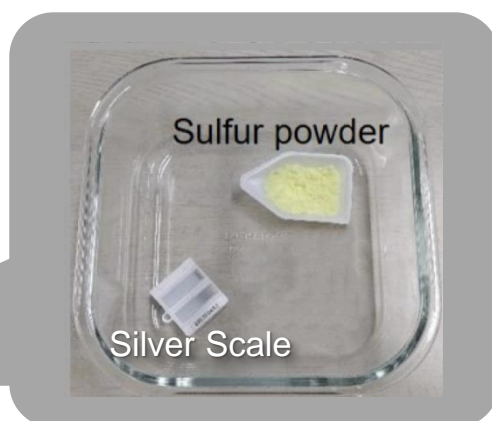
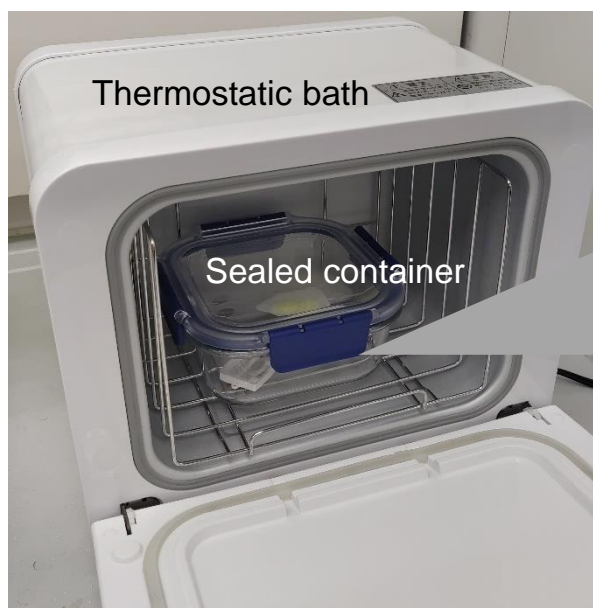
Proposed as a tool for measuring corrosion thickness of silver plates stipulated in standards such as JIS and JEITA

Examples of Covered Standards

- Sulfur dioxide test (JIS C 60068-2-42)
- Hydrogen sulfide test (JIS C 60068-2-43)
- Flowing mixed gas corrosion test (JIS C 60068-2-60)
- LED standard (JEITA ED-4912A)
- S₈ corrosion test

In order to confirm the validity of the test, it is recommended that a silver plate etc. is installed in a test device and the corrosion weight is measured. We propose corrosion environment measurement using Silver Scale™.

S₈ Corrosion Test Case Study



In an airtight container

Comparison between Corrosion Weight Measurement of Silver plate and Use of Silver Scale™

Corrosive gas concentration measurement method	Silver Scale™	Standard method (ISO11844-1)
Analytical method	Visual observation	Cathode reduction method
Analysis of highly concentrated gases	Possible	Impossible
Impact on measurement environment	Small	Large
Cost	Low	High