

# Silver Scale™ / COCS-PCCW-0501-0



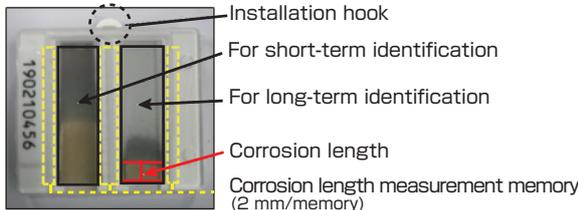
## Visual Corrosivity Sensor

- The product allows you to identify corrosion risks visually caused by hydrogen sulfide and sulfur.
- This product features two identification windows to check the progress of short-term and long-term corrosion and can be used depending on the observation period.
- Light and compact, allowing easy installation.

### Comparison between the product "Visual Corrosivity Sensor" and the conventional method (ISO 11844-1 standard)

	COCS-PCCW-0501-0 (Visual Corrosivity Sensor)	Conventional methods (ISO 11844-1 standard)
Summary	Diagnose the corrosion risks based on the visual corrosion length	Diagnose the corrosion risks based on the corrosion thickness of the metal plate measured using an analyzer
Advantages	Visual diagnosis of corrosion risks Remote diagnosis (identifiable through photos, etc.) Low price	Highly accurate analysis due to the usage of an analyzer Environmental evaluation for the corrosion of copper, zinc, and carbon steel
Disadvantages	Evaluate only the corrosive environment caused by silver	Collection and analysis of metal plates take much time and effort Expensive

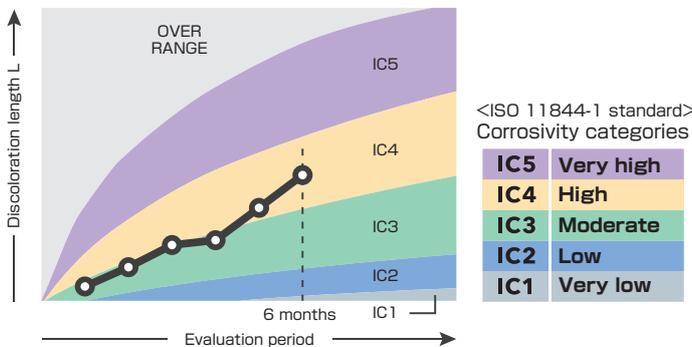
### Product description



Product weight: 4.2 g      Material: PC  
Product size: 26mm (height) × 29mm (width) × 7mm (thickness)

The corrosive environment (level) is determined based on the discoloration (corrosion) length caused by hydrogen sulfide.

Corrosivity Classification Graph



- The specifications are for reference only, and not a guarantee. Information may change without notice.
- Any reprinting or copying of content in this document is prohibited without our prior consent.

### Usage example

- STEP 1** Place it at the desired measurement location. (Example: Evaluation period 6 months)
- STEP 2** Measure the corrosion length (Example: Corrosion length 10mm)
- STEP 3** Use the corrosivity classification graph to determine the category based on the evaluation period and corrosion length. (Example: Corrosivity category IC4)

### Expected market



**KGS KITAGAWA INDUSTRIES CO., LTD.**

**KITAGAWA INDUSTRIES CO.,LTD.**  
Tel: 81-587-34-3561 <http://www.kitagawa-ind.com>  
**KITAGAWA GmbH**  
Tel: 49-6104-60009-0 <http://www.kitagawa.de>  
**KITAGAWA INDUSTRIES(TAIWAN)CO.,LTD.**  
Tel: 886-2-2698-8833 <http://www.kgtw.com.tw>

**KITAGAWA INDUSTRIES America, Inc.**  
Tel: 1-408-971-2055 <http://www.kgs-ind.com>  
**KITAGAWA ELECTRONICS(SINGAPORE)PTE.LTD.**  
Tel: 65-6560-6511 <http://www.kitagawa.com.sg>  
**KITAGAWA INDUSTRIES (H.K.) LIMITED**  
Tel: 852-2612-1161 <http://www.kitagawa.com.hk>

**SHANGHAI KITAGAWA INDUSTRIES CO.,LTD.**  
Tel: 86-21-5865-2766  
**KITAGAWA ELECTRONICS(THAILAND)CO.,LTD.**  
Tel: 66-35-350-201 <http://www.kitagawa-ind.com/thai/index.html>  
**KITAGAWA TECHNOLOGY(SHENZHEN)CO.,LTD.**  
Tel: 86-0755-2396-3200