

TRELIC'S GAS N' CORROSION

Are you unsure how corrosive environments affect the reliability of your product? Would you like to check

- ✓ *Quality of your coatings*
- ✓ *Suitability of your materials for corrosive environments*
- ✓ *Performance of your casing*
- ✓ *Reliability of your product*

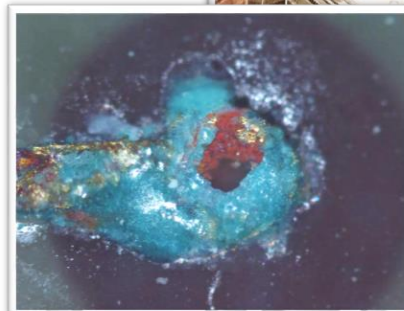
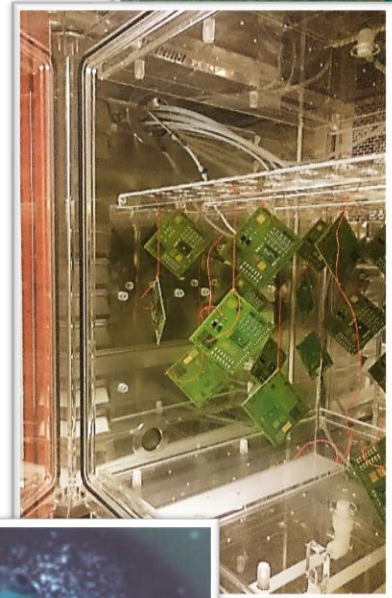
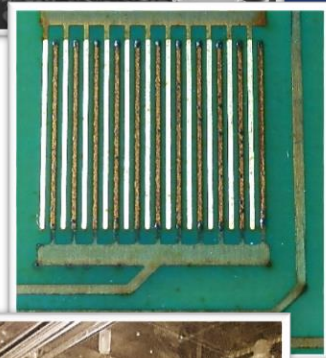
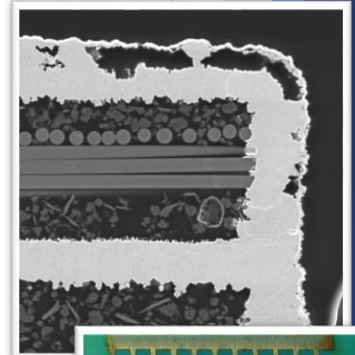
Trellic's Gas n' Corrosion service will help you to analyze the performance of your products in corrosive environments.

Checking corrosion resistance is important, since all electronics products are exposed to corrosion. This corrosion is often caused by corrosive gases present in the surrounding air for example due to traffic and many industrial processes. Even office environments may encounter low levels of corrosive gases, still high enough to cause electrical failures in equipment. The mixed flowing gas test used with **Trellic's Gas n' Corrosion** service will help you to simulate these environments and study their effects.

Trellic's Gas n' Corrosion package includes

- ▶ Mixed flowing gas test
- ▶ Corrosion rate monitoring with copper coupons
- ▶ Optical analysis of the samples
- ▶ Test report

Other options for more detailed testing are also available



TRELIC'S GAS N' CORROSION

In Trelic's Gas N' Corrosion our team of experts will discuss with you to find the best corrosion test method for you. Testing can be performed with various standards using SO₂, H₂S, Cl₂ and NO_x test gases.

TRELIC'S GAS N' CORROSION PROJECT

- ✓ TEST METHOD DECISION
- ✓ MIXED FLOWING GAS TESTING
- ✓ OPTICAL ANALYSIS OF TEST SAMPLES
- ✓ CORROSION RATE MONITORING
- ✓ TEST REPORT

Additional modules to increase the depth of the analysis:

- ✓ Design of a test plan according to use conditions
- ✓ SEM and EDX analysis from the corroded surface or cross sections
- ✓ Corrosion product analysis
- ✓ Intermittent electrical measurements for products and test structures
- ✓ Test structure design

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