



OnGuard® 3000 Atmospheric Corrosion Monitor

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Contact: Whitney Williams

whitney_williams@purafil.com

**Atmospheric Corrosion Monitor Protects
Priceless Artifacts from Airborne Molecular Contaminants**

Real-time device measures destructive potential of environment

Doraville, Ga.—For active, continuous reactivity monitoring in environments where gaseous pollutants are prevalent, Purafil's OnGuard® 3000 (OG3) Atmospheric Corrosion Monitor can gauge the real-time effects of airborne molecular contaminants (AMC) to artwork and archival material.

The OG3 uses copper-and silver-plated quartz crystal microbalance sensors to measure the air quality in environments that house papers, artwork and artifacts. The monitor also generates minute-by-minute corrosion level readings that:

- predict and prevent degradation of priceless pieces of art
- identify air quality trends
- gauge temperature, relative humidity and differential room pressure
- project the environment's Air Quality Classification

The OG3 can be operated independently as a data logger or can be wired directly into a building management system. Users can upload data to a personal computer for viewing and graphing, and they can adjust readings to reflect typical air quality levels in their environment. Additionally, the OnGuard OG3 allows users to access historical data by establishing and maintaining environmental classification databases; in turn, this information helps them to determine adequate conservation techniques.

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For over 30 years Purafil has developed air cleaning systems that eliminate, control, and provide real-time monitoring of corrosive, odorous, hazardous, and toxic gases. Purafil maintains nearly 20,000 installations in cleanroom, commercial, industrial, preservation, and water-wastewater treatment settings worldwide.

For more information on the Purafil OnGuard 3000 visit Purafil at www.purafilonguard.com, call (800) 222-6367, or e-mail marketing@purafil.com.



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