

# PRODUCT BULLETIN

4

# ON GUARD®

Å-Prompt

## FOR INDUSTRIAL APPLICATIONS




**THE Å-PROMPT OUTLET AIR MONITOR** provides real-time corrosion readings of the discharge air from your dry scrubbing system. With the Å-Prompt, users can take corrective action to maintain system efficiency and protect process control systems from corrosion.



### REAL-TIME CORROSION MONITORING

Use the Å-Prompt Outlet Air Monitor to immediately verify the efficiency of your dry scrubbing system or to pinpoint corrosion-causing events. The Å-Prompt, a standard feature of Purafil's Tub Scrubbers (TS), Deep Bed Scrubbers (DBS) and bulk-fill Positive Pressurization Units (PPU), is installed after the final filter section of your dry scrubbing system. At the heart of the Å-Prompt Monitor is a copper-plated quartz crystal which continuously reacts with corrosive contaminants present in discharge air. When connected to an OnGuard 2000 Atmospheric Corrosion Monitor, the Å-Prompt provides the user with real-time corrosion information.



### PREFERRED OVER MEDIA SAMPLING & ANALYSIS

The Å-Prompt is the preferred tool for verifying overall system efficiency. If corrosion readings reflect an unexpected increase, the Å-Prompt allows the user to take immediate corrective action and, if needed, schedule media replacement. While Purafil's media analysis is proven to be reliable, the human error associated with media sampling techniques can result in reporting inaccuracies. Determining service life can also be time consuming due to the inherent nature of media analysis. Users rely on Å-Prompt for immediate corrosion readings and assurance that their dry scrubbing system is functioning at maximum efficiency.

### COST EFFECTIVE & TIME EFFICIENT

As part of Purafil's continuing service program, a Purafil representative regularly downloads corrosion data from the Å-Prompt using an OnGuard 2000 Atmospheric Corrosion Monitor.\* Once the data is downloaded, the corrosion reading is displayed on the OnGuard's easy-to-read LCD panel. If corrosion readings reflect gas breakthrough, media replacement can be immediately scheduled. Similarly, if corrosion readings are low, the user avoids costs associated with premature media replacement.

*\*The OnGuard 2000 Atmospheric Corrosion Monitor may also be purchased by the user for more frequent corrosion readings.*

### SYSTEM ADVANTAGES

**MORE ACCURATE:** Å-Prompt's electronic technology eliminates the possibility of human error associated with media sampling techniques.

**SAVES TIME:** Å-Prompt can be read electronically for realtime corrosion measurements. Users avoid delays associated with media analysis.

**SAVES MONEY:** Because Å-Prompt can immediately detect gas breakthrough, users avoid premature media replacement costs and repairs associated with unexpected corrosion of control room equipment.