

application bulletin

APPLICATION:

- Trace Oxygen measurement in Pure Gas Manufacturing

TAI SOLUTION:

Model 311, Series 3000T Trace Analyzers

Many companies produce pure gases such as Vinyl Chloride Monomer, Acetylene, Ethylene and Propylene either for direct use or for use as feedstock to make plastics.

These customers need to monitor the product for trace oxygen in order to maintain the quality of finished product which could be PVC, polyethylene, polypropylene, or other types of plastics.

Application Approach

TAI's maintenance free, solid state oxygen analyzers are ideal for these applications. TAI's sensors are specific to oxygen and are unaffected by interference from the combustibles present.

TAI's trace oxygen analyzers are essentially maintenance free - the sensor is disposable and easily changed, similar to changing a flashlight battery. There are no humidifier controls, no chemicals to measure, and no liquids to add. The analyzer can be spanned using a compressed air source.