

application bulletin

APPLICATION:

- Trace oxygen monitoring in glove boxes

TAI SOLUTION:

Model 311, Model 3110, Model 3190

Many manufacturers assemble or treat items by hand in the oxygen free atmosphere of glove boxes. In order to ensure a good product, the customer monitors the glove box for traces of oxygen. Relevant industries might be one of many including electronics “chip” manufacturers and nuclear fuel processors.

Application Approach

Manufacturers approach this problem in two ways and TAI can handle both.

Some customers want a portable means of checking all glove boxes. TAI’s models 311 and 3110 are quick and easy to use in this situation.

Some manufacturers wish to monitor each glove box individually, on line. Because of TAI’s unique Micro-fuel Cell sensor, we can place the sensor within the glove box with the 3190 electronics remotely mounted.